

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

Carnations and Mums

(2,23)

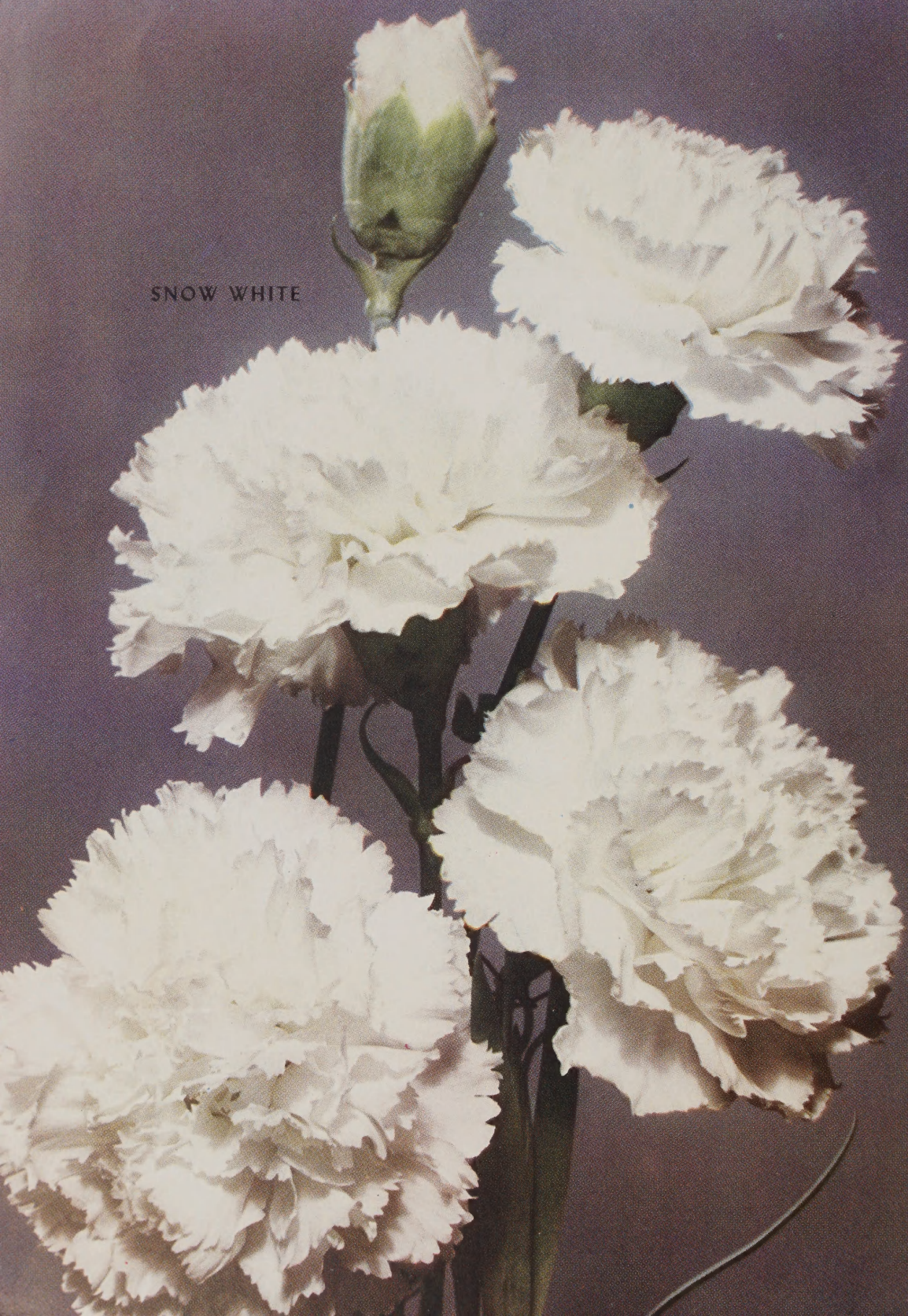
LIBRARY
RECEIVED
★ JAN 10 1941 ★
U. S. Department of Agriculture

1
9
4
1

DARK PINK
MAYTIME

Alec Henderson Inc.
1303-05 W. Randolph St.
Chicago, Ill.

SNOW WHITE



New Carnations for 1941

Introduction of new varieties of Carnations is necessary even if they are not always a great improvement on the variety they are meant to replace. The reason is simply that vegetative reproduction is necessary as Carnations will not come true from seed. After propagating by cuttings for a number of years a variety deteriorates. Some last longer than others, but sooner or later they must be replaced, therefore, new varieties must be introduced year after year if we are to maintain the present standard.

CHARM (Patented). A new salmon pink variety with a flower nearly as large as Laddie and with a little darker color. It grows tall and has a very stiff stem. The plants grow well either in the field or planted indoors. This is the variety for those who desire the highest quality.

\$3.00 per dozen

\$20.00 per 100

\$150.00 per 1,000

DARK PINK MAYTIME (Illustrated on front cover). A deep pink sport of Maytime and has the same characteristics as the parent plant. The flower has the same form and substance but is a little larger than Maytime. Production is much higher than is that of the average variety. Plants grow tall and erect, allowing close planting. It is a very rapid growing variety. The keeping quality of the flowers is outstanding. The first flowers are medium pink, similar to Pink Treasure, but darken rapidly so that within two or three weeks they are the color of Boston Ward, and they remain that color.

\$2.00 per dozen

\$10.00 per 100

\$90.00 per 1,000

HERMOSA. A large and beautifully formed light pink seedling introduced last year. The color is richer and slightly deeper than that of Virginia. The plants are vigorous and free, stems are long and the calyx is firm. Production is good, and the flowers keep perfectly.

\$1.50 per dozen

\$8.50 per 100

\$75.00 per 1,000

POLLYANNA (Patent pending). Agreements must be signed. This variety will meet the demand for a salmon flesh color which will compare favorably in quality with the leading commercials and yield sufficiently to be profitable to grow. Being a seedling from Light Pink Abundance crossed with a seedling variety insures its productiveness, the growth being somewhat sturdier and slightly shorter in stem. The bloom is good sized and symmetrical and keeps exceptionally well. The calyx does not split. The color is a good Laddie shade of salmon flesh which holds its freshness late into summer.

\$3.00 per dozen

\$15.00 per 100

\$125.00 per 1,000

SEA SHELL (Illustrated on back cover). A large, well-formed, full-petaled seedling having a lovely and delicate shell pink color. Plants of this variety are especially fine, being large and bushy, vigorous and absolutely clean. Stems are long and stiff, but not brittle. The calyx does not split at any time. Production is good, and the flowers keep and ship well. It is an easy variety to propagate and grow. The color is lighter and softer than that of Virginia or Maytime.

\$3.00 per dozen

\$15.00 per 100

\$125.00 per 1,000

WHITE MAYTIME. A pure white sport of Maytime, exactly like the parent variety in every respect except color. The Maytime blossom is a beautifully formed flower, and in this rich, pure white is especially appealing. A productive and profitable commercial white.

\$2.00 per dozen

\$10.00 per 100

\$90.00 per 1,000

WHITE PETER FISHER. A pure white sport of Peter Fisher. Both plants and flowers are like those of the parent. The bloom resembles an improved flower of Ivory, but of course the stem and foliage are much heavier. It is a clean, vigorous variety, easy to grow and entirely satisfactory.

\$1.50 per dozen

\$8.50 per 100

\$75.00 per 1,000

Novelty Carnations

BARBARA BRIGHAM. A sport of Golden Wonder having flowers which are a beautiful light apricot with pink pencilings. The form, size and habits of growth are the same as those of Golden Wonder. It is a good producer and a good keeper. The flowers combine splendidly with other flowers in floral arrangements.

\$1.00 per dozen \$6.00 per 100 \$50.00 per 1,000

CHIEF KOKOMO (Patented). The pink markings on the yellow background awakened both the florists and the public to the novel colors and combinations that carnations possess. The flowers are larger than average and the stems are stiff. Remains good during the hot weather of early summer.

\$2.00 per dozen \$12.00 per 100 \$100.00 per 1,000

GOLDEN WONDER. One of the best of the Yellow variegated varieties. The color is sulphur yellow with pink pencilings. The blooms are large and full with fringed petals. Production is better than average, and the keeping quality is fine. Splitting is slight.

\$1.00 per dozen \$6.00 per 100 \$50.00 per 1,000

IMPROVED DELICACY. A sport of Delicacy, having the same characteristics as the parent except that the pencilings on the white petals are a much darker red than was the case with Delicacy. This improves the appearance of the blooms considerably. The flower is compact and beautifully formed. Stems are of medium length. Very little splitting occurs.

\$1.50 per dozen \$8.50 per 100 \$75.00 per 1,000

LENORA. A white variegated with pink pencil markings. The flowers are average size and the variety is a good producer. The retail grower will find it very valuable.

\$1.00 per dozen \$5.00 per 100 \$45.00 per 1,000

LOCHINVAR. A pelargonium type flower on a plant that produces better than the carnation "Pelargonium." The petals are white and are overlaid with maroon giving the appearance of a Pelargonium. The flowers are of average size. This is one of the most attractive novelties.

\$3.00 per dozen \$15.00 per 100

OPAL (Patented). For exquisite corsages and designs Opal is just the thing. The reddish-purple markings on the edges of the white petals give a very dainty effect. The flowers are average size and the variety produces well.

\$2.00 per dozen \$12.00 per 100 \$100.00 per 1,000

PELARGONIUM. Most charming and most profitable of the English varieties available at current prices, and one of the loveliest novelties being offered today. The color is a white ground, overlaid on each petal with crimson maroon, creating a replica of the old pelargonium. The bloom is large and of good substance. The plants are tall, the stem is good, and the calyx does not split. The variety is not a heavy producer, but the flowers will always command premium prices on any market.

\$2.00 per dozen \$10.00 per 100 \$90.00 per 1,000

PHAROAH. (Illustrated on inside rear cover.) This is one of the most beautiful novelty carnations of all time, and is the only carnation we know of possessing this unusual color. The petals are a delicate shade of orange with a slightly pink tinting. The tips of each petal are fringed with red. There are no pencilings. The blooms are very large and full (The photograph is natural size), and in spite of the size of the flower, the percentage of splits is a fraction of one per cent. The plants are very large and bushy with broad foliage and fine stiff stems. The flowers are splendid keepers, and will almost always command premium prices. Production is well above the average.

\$1.50 per dozen \$8.50 per 100 \$75.00 per 1,000

POTENTATE. A deep crimson-purple variety that is very widely grown. The flowers are large and are borne on stiff stems. It is a very good keeper.

\$1.00 per dozen \$6.00 per 100 \$50.00 per 1,000

ROYAL PURPLE (Patented). A very rich maroon-purple colored variety with perfectly shaped flowers. The stem is strong and the variety has good growing habits. It is especially good for corsages and distinctive designing.

\$2.00 per dozen \$12.00 per 100 \$100.00 per 1,000

White Carnations

GARDENIA. A very large and very fragrant variety that is good for corsage work and other designing. The flowers are pure white and keep well.

\$1.50 per dozen

\$8.00 per 100

\$75.00 per 1,000

JOAN MARIE (Patented). A fine commercial white very much in favor in many sections of the country. It is a good producer of high quality blooms. It has fine stems and large, bushy plants.

\$2.00 per dozen

\$7.00 per 100

\$60.00 per 1,000

OLIVETTE. The flowers are of medium size, are beautifully formed with high, full centers, and are delicately scented. The long, broad calyx has six prongs and almost never splits. Production is heavy, stems are of medium length, the flowers are excellent keepers, and the color is pure white at all times.

\$1.50 per dozen

\$9.00 per 100

\$80.00 per 1,000

PURITAN. Has proven itself to be one of the most profitable of all varieties. Production is heavy and uniform, the flowers are of good size and keep perfectly, the plants are large and bushy, free of disease and easy to grow. Splitting is very rare. The color is always pure white. Stems are long.

\$1.00 per dozen

\$5.00 per 100

\$45.00 per 1,000

PATRICIAN. While this variety has been on the market for some time, it is still the favorite of hundreds of growers. The fine, large flowers are produced in quantity, and they keep and ship well. The blooms are especially fine in the Spring. Plants are large and bushy. Stems are long and heavy. Some splitting occurs, but this is not serious. A slight flaking appears during the winter, but this enhances rather than detracts from the attractiveness of the bloom.

\$1.00 per dozen

\$5.00 per 100

\$45.00 per 1,000

SENATOR. Still a favorite variety in the midwest.

\$1.00 per dozen

\$6.00 per 100

\$50.00 per 1,000

SNOW WHITE (Illustrated on inside front cover). A very large, pure white seedling, measuring up to four inches and more in diameter. The fragrant flowers are symmetrical in form, and have high full centers. It is a good producer of high quality flowers that are fine keepers. Plants are very large and bushy; stems are of medium length. Some splitting occurs, but this not excessive for such a large flower. The variety does best when grown inside and planted early.

\$1.50 per dozen

\$9.00 per 100

\$80.00 per 1,000

Red Carnations

BARBARA FARR. A scarlet sport of Spectrum Supreme. The flowers are a trifle lighter in color than those of the parent plant, although over a large part of the season it is difficult to distinguish them. Production is better than with Spectrum, and less splitting occurs. In other respects the plants and flowers are the same as those of Spectrum Supreme. Of the two varieties, Barbara Farr is to be preferred.

\$1.50 per dozen

\$7.00 per 100

\$60.00 per 1,000

KING CARDINAL (Patented). This is the loveliest shade of all of the red carnations, and the vivid scarlet blooms are in great demand. The flowers are medium to large with almost smooth petals. While the blooms are not very full centered, they are good keepers. The plants are large and extremely vigorous, and flowers are produced in better than average quantity. The stems are long and strong, and splitting almost never occurs.

\$2.00 per dozen

\$12.00 per 100

\$100.00 per 1,000

SPECTRUM SUPREME. This old time favorite is still one of the most widely grown of the scarlet varieties. It is a heavy producer, its color is fine, the size of the bloom is good, and it is a splendid keeper. Plants are large, tall and vigorous.

\$1.00 per dozen

\$6.00 per 100

\$50.00 per 1,000

Light Pink Carnations

ALBANIA. This variety was introduced a few seasons back but was not given much publicity. It is a salmon pink color and the edges of the petals are regular instead of being notched. Makes a good plant and produces well.

\$2.00 per dozen \$12.00 per 100 \$100.00 per 1,000

BERKSHIRE HILLS. A light salmon pink a trifle deeper in color than Eleanor. It is a sport of Patrician. The plants and flowers are similar to Patrician.

\$1.00 per dozen \$6.00 per 100 \$50.00 per 1,000

ELEANOR. A fine light salmon pink with symmetrical blooms of medium size having high, full centers. Stems are long, production is good and the calyx is firm. Plants are very large and bushy.

\$1.00 per dozen \$6.00 per 100 \$50.00 per 1,000

GIANT LADDIE. A salmon pink sport of Laddie, with larger flowers, deeper color and more vigorous habits than the parent plant. It is a fair producer of show quality blooms, and is ideal for private estates or for growers with a select market.

\$2.00 per dozen \$10.00 per 100 \$90.00 per 1,000

MAYTIME. This variety is still one of the most profitable we have grown. Its shell pink blooms are beautifully formed and of good size. The stem is long and stiff. Plants grow very rapidly, and are tall and erect, allowing the variety to be planted closer than the average. Some splitting occurs at times, but production is so high that if all splits were thrown away, the number of salable flowers produced would still be greater than the entire production of the average variety. It is unsurpassed in keeping quality. The flowers maintain their size, color and keeping quality during hot Spring weather better than any other carnation in this color class.

\$1.00 per dozen \$7.00 per 100 \$60.00 per 1,000

MRS. C. B. JOHNSON. Light salmon pink seedling with good sized flowers on stems of average length. Plants are large and bushy. Blooms keep and ship well.

\$1.00 per dozen \$6.00 per 100 \$50.00 per 1,000

RUTH HENGSTENBERG. A recently introduced light pink seedling similar in color to Virginia, but with larger, fuller flowers than those of Virginia. Plants are large and productive with long stems and firm calyces. For growers who experience difficulty with Virginia, this variety offers an excellent substitute. In fact many growers prefer it to Virginia.

\$1.00 per dozen \$6.00 per 100 \$50.00 per 1,000

VIRGINIA. The favorite light pink variety with a great many growers, and is probably more widely grown than any other variety of this color. The blooms are of Enchantress pink, are of medium size, have fringed petals, and are borne on stiff, straight stems of medium length. The calyx never splits. Production is better than average, and the flowers are famed for their keeping and shipping qualities.

\$1.00 per dozen \$6.00 per 100 \$50.00 per 1,000

Yellow Carnations

MAINE SUNSHINE. This is an old variety, but is still the only clear yellow carnation of commercial value. The flowers are of good size and are of a clear sulphur yellow. Stems are long, production is high, and the flowers are fine keepers. Splitting occurs, but is not serious.

\$1.50 per dozen \$7.00 per 100 \$60.00 per 1,000

MOONBEAM. Introduced by the Department of Agriculture, Washington, D. C. The flowers are good sized and clear yellow in color. Roots easily and makes a bushy plant. A good producer and shows promise of being widely grown.

\$2.00 per dozen \$12.00 per 100 \$100.00 per 1,000

YELLOW GOLD (Patented). A clear yellow variety with good average size blooms borne on stiff stems.

\$2.00 per dozen \$12.00 per 100 \$100.00 per 1,000

Medium and Dark Pink Carnations

CLARK'S BEAUTY. A deep pink very similar to Dirigo, and a favorite with growers in many sections.

\$1.50 per dozen **\$8.50** per 100 **\$75.00** per 1,000

CARLOTTA. A dark pink variety introduced by the Department of Agriculture, Washington, D. C. The flowers are average size and are borne on stiff stems. Propagates easily and makes good plants in the field.

\$1.00 per dozen **\$5.00** per 100 **\$45.00** per 1,000

DARK PINK VIRGINIA. A beautiful rose pink sport of Virginia which is identical to Virginia in every respect except color. This lively rose shade is proving more popular than the light pink of Virginia or the deep pink Ward shades. The color is slightly deeper and more uniform than is the case with Pink Treasure or Peter Fisher. If Virginia does well with you, you cannot afford to pass up Dark Pink, or Rose Virginia.

\$1.50 per dozen **\$8.50** per 100 **\$75.00** per 1,000

DIRIGO. A new deep pink seedling introduced last year. It is similar to My Love in size, form and color. The plants are large and bushy with long stiff stems and firm calyces. Production is good, and the flowers keep well.

\$1.50 per dozen **\$8.50** per 100 **\$75.00** per 1,000

NEW DEAL WARD. A selected and improved Boston Ward. The color is slightly deeper than Boston Ward, and the plants are more vigorous. Otherwise the characteristics are those of Ward. This is one of the most important dark pink varieties.

\$1.00 per dozen **\$6.00** per 100 **\$50.00** per 1,000

PARAGON. A vivid dark pink, slightly deeper than My Love. The flower has the same attractive form as My Love, with its full, high, rounded center and fringed petals. Does best when grown inside and benched early, and when handled properly is a fine producer. There is no better keeper. Stems are long and strong, and splitting is very slight.

\$1.00 per dozen **\$6.00** per 100 **\$50.00** per 1,000

PETER FISHER. An outstanding variety in the medium or rose pink class, and a very popular carnation. The flowers are of medium size, of good substance, and with deeply fringed petals. The stems are long and strong, calyces are firm, production is high, and the flowers keep to perfection. The plants are large and bushy, but run up quite tall. They are easy to grow, are vigorous and clean. Flowers are at their best during the Spring holiday season.

\$1.00 per dozen **\$6.00** per 100 **\$50.00** per 1,000

PINK TREASURE (Patented). This is a large flower of a medium pink shade, much lighter than My Love or Ward. It resembles Patrician in form and substance, but has a longer stem and a firmer calyx. The blooms are full and rounded with fringed petals. While not as heavy a producer as Peter Fisher or Dark Pink Virginia, the flowers are much larger. It is a good keeper, and a profitable variety.

\$3.00 per dozen **\$20.00** per 100 **\$150.00** per 1,000

ROSALIE (Patented). The plants are large and clean, production is heavy and is uniform throughout the season. The flowers are of medium size, of Ward shade and keep perfectly. The stem is long, and the calyx very seldom splits.

\$3.00 per dozen **\$20.00** per 100 **\$150.00** per 1,000

VIVIAN. A widely-grown, bright, medium pink, variety that makes good flowers very early in the fall. Makes good plants in the field and produces heavily.

\$1.00 per dozen **\$5.00** per 100 **\$45.00** per 1,000

Crimson Carnations

JOHNSON'S CRIMSON. The color is the same as that of Joyce and Woburn, but the variety is earlier and freer. Flowers are smaller than these two crimson varieties, but higher production somewhat offsets this. Plants are bushy and vigorous, and practically no splitting will be experienced.

\$1.00 per dozen

\$6.00 per 100

\$50.00 per 1,000

JOYCE. A fine new crimson or maroon seedling, larger and more productive than Woburn. The flowers are beautifully formed, and are fine keepers. The stem is long, and splitting is slight. In New York City and other large markets, premium prices will always be paid for Joyce.

\$2.00 per dozen

\$10.00 per 100

\$90.00 per 1,000

RIGOLETTO. Developed by the Department of Agriculture at Washington, D. C. The flowers are dark red or crimson and are average size. The stems are strong and the growth is rapid. A very good variety for boutonnieres.

\$1.00 per dozen

\$5.00 per 100

\$45.00 per 1,000

SETH PARKER (Patented). A bright crimson variety finding much favor with its unusual color and good growing habits. The color has enough red in it to cause it to brighten up under artificial light. The flowers are large and keep well. Grows well either inside or in the field during the summer.

\$3.00 per dozen

\$20.00 per 100

\$150.00 per 1,000

WOBURN. This is still the most widely grown of the crimson carnations. Practically every flower is of top quality. Blooms are of good size, are full and well formed, and their keeping quality is excellent. There is never any splitting. Premium prices will always be secured for this variety in the larger markets. This is the color which is fashionable for boutonnieres for evening wear.

\$1.00 per dozen

\$7.00 per 100

\$60.00 per 1,000

Treatment of Insects and Diseases

RED SPIDERS. This is the worst insect with which carnation growers have to contend. By far the best method of control is by fumigation with naphthalene base compounds. It is preferable to spray as little as possible. Rotenone sprays are generally safe and effective on carnations. Syringing with a fine stream of water under pressure may be practiced when plants are small and on bright, warm days, but should never be done whenever any fungus or bacterial disease is present.

APHIDS AND THRIPS. These are comparatively minor problems, and are easily remedied, although thrips will continue to blow in from outside as long as ventilators are open. Nicotine in one form or another is the best cure. Nicotine fumigation every four or five days until the insects are cleaned up is the most effective means of control. Spraying with Paris Green and brown sugar is effective in the case of thrips, but leaves the foliage dirty and sticky for months.

RUST. Sulphur is the most effective preventative and cure for rust. Use a fine dusting sulphur, and apply it with a good blower. Use it on young plants as soon as the first trace of rust appears, and apply on bright, warm days. Sulphur may safely be used once a week or oftener. In the field where dusting is impractical, lime-sulfur may be sprayed. Bordeaux or other copper sprays have very little effect on rust. Keep plants dry, provide plenty of air, and run houses cool.

Treatment of Insects and Diseases

RHIZOCTONIA STEM ROT. Foliage becomes dull, losing green color; entire plant wilts suddenly. Stem near soil wet and soft; the shredded bark sloughing off from the slightest twist, exposing harder tissues beneath. Roots remain intact. Brown knots of fungus mold evident about decayed portion of stem and adhering soil. Is caused by a common mold fungus which inhabits most soil and soil contaminated sand. **It is not carried in cuttings.** Ordinarily the mold is a harmless soil fungus, but under favorable conditions it becomes a serious disease. It thrives under excessively moist and warm conditions. Control is a matter of correct watering and airing, sanitation, shallow planting, soil sterilization and soil rotation. Spraying is useless. Steam sterilization, or sterilization with tear gas, helps, but sterilized soil may easily become reinfected if plants are brought in from outside.

FUSARIUM BRANCH ROT. Begins with the wilting of a single branch. Leaves are a dull green, then yellow and straw colored. The affected branch dries and shrivels. Infection at first is localized in the stem or branch near crotches or nodes. Injuries of one sort or another caused by careless handling, too rapid growth, topping, picking, etc., are essential for infection except where the disease has been carried with the cuttings. Upon cutting the branches lengthwise, the conductive tissue under the bark is seen to be yellowish or reddish brown **up and down following the sap channel.** If the branch is removed before the disease has progressed into the stem, the plant may possibly be saved. Later the brown color expands into the inner tissue of the stem and into the outer bark from the conductive tissue. When the stem is invaded, the branches on the infected side die, and ultimately the entire plant succumbs. The inside tissue of an invaded stem is dry and of a dull brown color, similar in appearance to dead timber. As the infection is usually aerial, soil sterilization is of little value, and there is no known spray which will prevent or cure it. Sterilizing benches, flats, soil and sand are sanitary methods which are helpful, but do not expect to control Fusarium Branch Rot in this manner. Warm, moist conditions are favorable for the growth of the disease. Avoid excessive and overhead watering and injuries to plants. Provide plenty of air, and run houses cool.

ALTERNARIA BLIGHT. This disease is known as spot, blight or branch rot. Purple spots appear on leaves and flower parts, later browning and blighting the parts. Under moist conditions the blighted parts become overgrown with blackish or sooty masses of fungus. After benching, the fungus causes a prevalent branch rot centering at the nodes. Here the fungus causes dark colored spots or cankers which partially or completely girdle the branch. Ultimately the rot progresses deeper into the tissue, and the portion of the branch above wilts. The color of the invaded tissue is dark brown, almost black, and the color may extend from the bark to the wood. The discoloration extends **inward from the outside**, and does not follow the conductive tissue as does Fusarium. Infection takes place without the plant having first been injured, and almost always occurs in the field. Before branches wilt, the leaves are streaked or marked with whitish or light green areas. Certain varieties are more susceptible to the disease than others. Inside culture will usually eliminate Alternaria. Spraying with Bordeaux weekly from the time that plants go to the field until they are benched will form a chemical barrier between the plant and the fungus which is very effective. Alternaria **is not carried in the cuttings**, and any variety is likely to be attacked.

BACTERIAL LEAF SPOT. A foliage disease caused by a bacteria or microbe which progresses from the lower leaves upward, attacking the stem and bud only in very severe cases. The disease occurs **only in the presence of injuries**, but spiders, thrips, aphids, etc., will provide sufficient injury for the bacteria to gain entrance. It is, therefore, of vital importance that plants be kept free of insects. The development of the disease is slow at temperatures of 60 degrees or less, and very rapid at higher temperatures. Greenhouses should be kept cool, dry and well ventilated. There must be no overhead watering of any kind. Fortunately the disease may be cured or prevented by use of a spray consisting of 3 pounds of zinc sulfate, 1½ pounds alum, 4 pounds hydrated lime, and a good spreader to 50 gallons of water. Dusting with fine sulphur is a further precaution which may be taken.

Chrysanthemum Rooted Cuttings

The following list of Mum and Pompon Cuttings is probably the most complete that is published. It includes all the latest varieties, also all the well known standard kinds that are in demand. Our cuttings are shipped by the largest propagator in the country, where every care is exercised to deliver only first class, well rooted, clean and healthy cuttings. Many growers are realizing that it is cheaper in the long run to buy their cuttings than propagate their own. Orders placed in advance can be delivered exactly when wanted, and planted right in the bench, insuring rapid, healthy growth without any check.

NOVELTIES. The novelty section has been omitted but a list of this year's introductions will be issued after the current blooming season.

NOTE CAREFULLY. Cuttings are put up in bundles of 25, any change means additional expense and the following schedule shows price per cutting which will prevail where less than 25 of a variety is ordered. Orders for less than 5 of a variety are not solicited.

Where Price Per 100 Is	Price Per Cutting Will Be	Where Price Per 100 Is	Price Per Cutting Will Be
\$3.00	5 cents	\$7.00	12½ cents
4.00	5 cents	8.00	15 cents
5.00	10 cents	12.00	20 cents
6.00	10 cents	15.00	25 cents

Exhibition Varieties

YELLOW

	Select Bud	Matures	Price per	
			100	1000
Harvest Moon. Semi-Incurved. Short.....	Ter. Bud	Oct. 25	5.00 per doz.	
Golden Majestic. Reflexed. Short.....	Aug. 20	Nov. 1	8.00	75.00
J. R. Booth. Reflexed. Medium.....	Aug. 15	Nov. 1	8.00	75.00
Yellow Turner. Incurved. Medium.....	Aug. 25	Nov. 5	6.00	50.00
Yellow Pockett. Incurved. Medium.....	Aug. 15	Nov. 8	8.00	75.00

WHITE

Alice Benson. Incurved. Medium.....	Aug. 30	Nov. 1	8.00	75.00
William Turner. Incurved. Medium.....	Aug. 25	Nov. 5	6.00	50.00
Louisa Pockett. Incurved. Medium	Aug. 15	Nov. 8	8.00	75.00

BRONZE

Majestic. Amber Bronze. Reflexed. Short.....	Aug. 20	Nov. 1	8.00	75.00
Mrs. H. S. Firestone. Chamois Buff. Incurved. Short.....	Aug. 25	Nov. 1	8.00	75.00
Marian Uffinger. Bronzy Crimson with a Gold reverse. Semi-Incurved. Medium	Aug. 20	Nov. 1	8.00	75.00
Nagirroc. Golden Bronze. Reflexed. Medium.....	Aug. 15	Nov. 1	8.00	75.00
Bronze Turner. Light Bronze. Incurved. Medium.....	Aug. 25	Nov. 5	6.00	50.00
W. H. Waite. Reddish Bronze. Reflexed. Short.....	Aug. 15	Nov. 5	6.00	50.00

PINK

La France. Purple. Incurved. Medium.....	Aug. 15	Nov. 1	6.00	50.00
Dr. J. M. Inglis. Amaranth Purple with Silver reverse. Incurved. Tall	Aug. 25	Nov. 1	8.00	75.00
Pink Turner. (Mrs. Leslie Davis.) Incurved. Medium.....	Aug. 25	Nov. 5	6.00	50.00
Thos. W. Pockett. Light Lavender. Semi Incurved. Medium.....	Aug. 15	Nov. 8	8.00	75.00
Vermont. Light Rose Pink. Reflexed. Tall.....	Aug. 25	Nov. 8	8.00	75.00

RED

Grace Sturgis. Wine Red with Pinkish Silver reverse. Reflexed. Tall	Aug. 25	Nov. 1	6.00	50.00
Red Majestic. Bronzy Red. Reflexed. Short.....	Aug. 25	Nov. 1	8.00	75.00
Mrs. G. G. Mason. Blood Red with Golden reverse. Incurved. Medium	Aug. 20	Nov. 1	8.00	75.00
Improved W. H. Waite. Deep, Reddish-Brown. Reflexed. Short.....	Aug. 15	Nov. 5	6.00	50.00
Mrs. Jules Leeds. Blood Red. Incurved. Short.....	Aug. 25	Nov. 8	8.00	75.00

Large Flowering Commercial Varieties

Our list this year is arranged according to color and time of flowering, which will probably be more convenient in making up your selection. For the convenience of those who are looking for a particular variety, an alphabetical list of all varieties will be found on pages 23, 24 and 25.

	YELLOW	Select Bud	Matures	Price per	
				100	1000
Yellow Frost. Pale Lemon Yellow, Semi-Incurved, Short.....	Early	Early		3.00	27.50
Golden Glow. Pale Golden Yellow, Incurved, Medium.....	Aug. 1	Oct. 1		3.00	27.50
Gold Lode. Light Golden Yellow, Reflexed, Medium.....	Aug. 25	Oct. 1		3.00	27.50
†Golden October. Deep Lemon Yellow, Semi Incurved, Medium.....	Aug. 25	Oct. 10		3.00	27.50
William Didden. Pale Golden Yellow, Incurved, Sport from Indianola, Medium	Aug. 25	Oct. 10		3.00	27.50
Celestra. Lemon Yellow, Incurved, Medium.....	Ter. Bud	Oct. 15		3.00	27.50
Comet. Deep Lemon Yellow, Incurved, Medium.....	Ter. Bud	Oct. 15		12.00	100.00
Chrysolora. Pale Golden Yellow, Incurved, Medium.....	Aug. 15	Oct. 15		3.00	27.50
Mrs. H. E. Kidder. Deep Lemon Yellow, Incurved, Medium.....	Aug. 25	Oct. 20		3.00	27.50
Yellow Ambassador. Pale Lemon Yellow, Incurved, Sport from Ambassador, Medium	Ter. Bud	Oct. 25		3.00	27.50
Golden Wave. Light Golden Yellow, Semi-Incurved, Short.....	Sept. 5	Oct. 25		3.00	27.50
Blazing Gold. Deep Golden Yellow, Incurved, Medium.....	Ter. Bud	Oct. 25		6.00	50.00
Corona. Deep Golden Yellow, Incurved, Tall.....	Ter. Bud	Oct. 25		3.00	27.50
Smith's Superlative. Deep Golden Yellow, Reflexed, Medium.....	Aug. 25	Oct. 25		3.00	27.50
Sunglow. Golden Yellow, Incurved, Medium.....	Aug. 25	Oct. 25		3.00	27.50
Citronella. Light Buff Yellow, Incurved, Short.....	Aug. 31	Oct. 28		3.00	27.50
Golden Glory. Golden Yellow, Semi-Incurved, Short.....	Aug. 25	Nov. 1		3.00	27.50
Richmond. Lemon Yellow, Incurved, Medium.....	Aug. 25	Nov. 1		3.00	27.50
Col. F. M. Alger. Light Lemon Yellow, Incurved, Medium.....	Sept. 5	Nov. 1		4.00	35.00
Good News. Deep Lemon Yellow, Incurved, Sport from Detroit News, Medium	Aug. 30	Nov. 1		3.00	27.50
Cardonia. Deep Golden Yellow, Incurved, Medium.....	Sept. 5	Nov. 10		3.00	27.50
Whittier. Lemon Yellow, Incurved, Medium.....	Sept. 15	Nov. 13		3.00	27.50
Yellow Monument. Pale Lemon Yellow, Incurved, Sport from Monument, Medium	Sept. 10	Nov. 15		3.00	27.50
Columbus Dispatch. Deep Lemon Yellow, Incurved, Medium.....	Sept. 1	Nov. 15		3.00	27.50
Honey Dew. Lemon Yellow, Incurved, Short.....	Ter. Bud	Nov. 15		3.00	27.50
Jubilee. Light Lemon Yellow, Incurved, Short.....	Ter. Bud	Nov. 15		6.00	50.00
Secretary Nehrling. Orange Buff Yellow, Semi-Incurved, Medium.....	Sept. 15	Nov. 18		3.00	27.50
Golden Celebration. Lemon Yellow, Reflexed, Medium.....	Sept. 15	Nov. 20		3.00	27.50
Major Bonnaffon. Light Lemon Yellow, Incurved, Short.....	Sept. 10	Nov. 20		3.00	27.50
Yellow Mefo. Lemon Yellow, Incurved, Sport from Mefo, Medium.....	Sept. 20	Nov. 20		3.00	27.50
Friendly Rival. Deep Chrome Yellow, Incurved, Medium.....	Sept. 10	Nov. 20		3.00	27.50
Friendly Call. Buff Yellow, Incurved, Tall.....	Ter. Bud	Nov. 20		3.00	27.50
Marie de Petris. Deep Golden Yellow, Incurved, Short.....	Sept. 15	Nov. 23		3.00	27.50
Golden Pearson. (Leroy Zang.) Light Golden Yellow, Incurved, Sport from Gladys Pearson, Medium.....	Sept. 30	Nov. 25		3.00	27.50
Sungold. Lemon Yellow, Semi-Incurved, Medium.....	Sept. 30	Nov. 25		3.00	27.50
Golden Chadwick. Light Golden Yellow, Semi-Incurved, Medium.....	Ter. Bud	Nov. 25		3.00	27.50
Yellow Chattanooga. Pale Lemon Yellow, Incurved, Medium.....	Sept. 20	Nov. 25		3.00	27.50
Improved Yellow Chattanooga. Light Lemon Yellow, Incurved, Medium	Sept. 20	Nov. 25		8.00	75.00
Loretta. Golden Yellow, Incurved, Short.....	Aug. 30	Nov. 30		5.00	40.00
R. M. Calkins. Golden Yellow, Semi-Incurved, Medium.....	Sept. 20	Nov. 30		3.00	27.50
Yellow December Glory. Pale Lemon Yellow, Incurved, Tall.....	Sept. 30	Nov. 30		3.00	27.50
Golden Mrs. Ross. Golden Yellow, Incurved, Tall.....	Early Oct.	Dec. 3		3.00	27.50
Golden Mistletoe. Pale Golden Yellow, Incurved, Medium.....	Sept. 30	Dec. 10		3.00	27.50
Tobin's Late Yellow. Pale Lemon Yellow, Semi-Incurved, Sport from Smith's Late White, Short.....	Sept. 30	Dec. 15		3.00	27.50
Improved Tobin's Late Yellow. Light Lemon Yellow, Semi-Incurved, Sport from Tobin's Late Yellow, Short.....	Sept. 30	Dec. 15		4.00	35.00

†—Cuttings not available until May 1st.

The terms, Short, Medium, Tall at the end of description, refer to finished height of plant.

Large Flowering Commercial Varieties

	WHITE	Select Bud	Matures	Price per	
				100	1000
Early Frost. Semi-Incurved. Short.....	Early	Early	Early	3.00	27.50
Smith's Early White. Incurved. Tall.....	Aug. 10	Oct. 5	Oct. 5	3.00	27.50
Quaker Maid. White, tinged with Pink. Reflexed. Medium.....	Aug. 25	Oct. 15	Oct. 15	3.00	27.50
Oconto. Cream White. Incurved. Medium.....	Aug. 25	Oct. 15	Oct. 15	3.00	27.50
Camilla. Incurved. Tall	Aug. 25	Oct. 18	Oct. 18	3.00	27.50
Silver Sheen. Incurved. Medium.....	Aug. 30	Oct. 18	Oct. 18	3.00	27.50
Christina. Incurved. Sport from Rose Chocard. Short.....	Aug. 25	Oct. 20	Oct. 20	3.00	27.50
White Chief. Ivory White. Incurved. Medium.....	Ter. Bud	Oct. 20	Oct. 20	3.00	27.50
Ambassador. Cream White. Incurved. Medium.....	Ter. Bud	Oct. 23	Oct. 23	3.00	27.50
†Albatross. Incurved. Medium	Ter. Bud	Nov. 1	Nov. 1	6.00	50.00
Snow White. Incurved. Medium	Ter. Bud	Nov. 1	Nov. 1	3.00	27.50
Stately White. Incurved. Tall.....	Ter. Bud	Nov. 1	Nov. 1	3.00	27.50
Betsy Ross. Ivory White. Incurved. Tall.....	Aug. 25	Nov. 1	Nov. 1	3.00	27.50
White Chieftain. White suffused with Pink. Incurved. Short.....	Aug. 30	Nov. 5	Nov. 5	3.00	27.50
Chas. W. Johnson. Ivory White. Incurved. Medium.....	Sept. 10	Nov. 5	Nov. 5	3.00	27.50
Chas. Rager. Incurved. Medium.....	Sept. 15	Nov. 10	Nov. 10	3.00	27.50
Monument. Ivory White. Incurved. Medium.....	Sept. 10	Nov. 15	Nov. 15	3.00	27.50
Edgar Stillman Kelly. Reflexed. Medium.....	Sept. 15	Nov. 15	Nov. 15	3.00	27.50
Favorite. Ivory White. Semi-Incurved. Medium.....	Sept. 5	Nov. 15	Nov. 15	3.00	27.50
Marketeer. Incurved. Medium	Ter. Bud	Nov. 18	Nov. 18	3.00	27.50
Mefo. Ivory White. Incurved. Medium.....	Sept. 20	Nov. 20	Nov. 20	3.00	27.50
Antarctic. Incurved. Medium	Ter. Bud	Nov. 20	Nov. 20	12.00	100.00
Tom Browne. Cream White. Incurved. Medium.....	Ter. Bud	Nov. 20	Nov. 20	3.00	27.50
White Distinction. Incurved. Medium.....	Ter. Bud	Nov. 25	Nov. 25	3.00	27.50
White Frick. White suffused with Pink. Incurved. Sport from Helen Frick. Short	Sept. 10	Nov. 25	Nov. 25	3.00	27.50
Chattanooga. Incurved. Medium	Sept. 20				
White Chadwick. White suffused with Pink. Semi-Incurved. Medium	Ter. Bud	Nov. 25	Nov. 25	3.00	27.50
Miss Flora Bowers. Incurved. Medium.....	Sept. 5	Nov. 30	Nov. 30	5.00	40.00
December Glory. Ivory White. Incurved. Tall.....	Sept. 30	Dec. 1	Dec. 1	3.00	27.50
December Beauty. White tinged with Pink. Incurved. Medium.....	Oct. 1	Dec. 8	Dec. 8	3.00	27.50
Improved December Beauty. Incurved. Medium.....	Oct. 1	Dec. 8	Dec. 8	4.00	35.00
White Mistletoe. Incurved. Medium.....	Sept. 30	Dec. 10	Dec. 10	3.00	27.50
Smith's Late White. Ivory White. Semi-Incurved. Short.....	Sept. 30	Dec. 15	Dec. 15	3.00	27.50
BRONZE					
Bronze Lode. Pale Buff Bronze. Reflexed. Medium.....	Aug. 25	Oct. 1	Oct. 1	3.00	27.50
Indianola. Pale Reddish Bronze. Incurved. Medium.....	Aug. 25	Oct. 10	Oct. 10	3.00	27.50
Hilda Bergen. Dark Reddish Bronze. Incurved. Medium.....	Aug. 25	Oct. 25	Oct. 25	3.00	27.50
Keystone. Buff Bronze. Incurved. Medium.....	Aug. 30	Oct. 25	Oct. 25	3.00	27.50
†Glitters. Deep Reddish Orange. Reflexed. Medium.....	Ter. Bud	Oct. 28	Oct. 28	3.00	27.50
Apricot Queen. Orange Bronze. Incurved. Short.....	Sept. 5	Nov. 1	Nov. 1	3.00	27.50
Detroit News. Reddish Bronze with Buff Reverse. Incurved. Medium	Aug. 30	Nov. 1	Nov. 1	3.00	27.50
Anna Kaskas. Pale Buff Bronze. Incurved. Tall.....	Sept. 5	Nov. 5	Nov. 5	3.00	27.50
Indianapolis Bronze. Buff Bronze suffused with Pink. Incurved. Medium	Ter. Bud	Nov. 8	Nov. 8	12.00	100.00
†Indian Chief. Deep Reddish Bronze with Golden Buff Reverse. Incurved. Medium	Sept. 5	Nov. 10	Nov. 10	3.00	27.50
Mrs. A. J. Stahelin. Reddish Bronze. Incurved. Medium.....	Ter. Bud	Nov. 15	Nov. 15	3.00	27.50
Golden Oak. Buff Bronze. Incurved. Medium.....	Ter. Bud	Nov. 18	Nov. 18	3.00	27.50
Gladys Pearson. Light Buff Bronze. Incurved. Medium.....	Sept. 30	Nov. 25	Nov. 25	3.00	27.50
Oak Leaf. Light Reddish Bronze. Incurved. Medium.....	Sept. 30	Nov. 25	Nov. 25	3.00	27.50
Bronze Frick. Light Bronze suffused with Pink. Incurved. Sport from Helen Frick. Short.....	Sept. 10	Nov. 25	Nov. 25	3.00	27.50
Bronze Chadwick. Bronze suffused with Pink. Semi-Incurved. Medium	Ter. Bud				
Bronze Mistletoe. Buff Bronze suffused with Pink. Incurved. Medium	Sept. 30	Dec. 10	Dec. 10	3.00	27.50

†—Cuttings not available until May 1st.

The terms, Short, Medium, Tall at the end of description, refer to finished height of plant.

Large Flowering Commercial Varieties

	PINK	Select Bud	Matures	Price per	
				100	1000
Rose Marie. Lavender. Semi-Incurved. Tall.....	Aug. 5		Oct. 1	3.00	27.50
Lustre. Light Lavender. Incurved. Short.....	Aug. 25		Oct. 10	3.00	27.50
Pink Chief. Lavender. Incurved. Tall.....	Ter. Bud		Oct. 15	3.00	27.50
Justrite. Light Rose Pink. Incurved. Short.....	Ter. Bud		Oct. 15	3.00	27.50
Rose Glory. Deep Lavender. Incurved. Medium.....	Ter. Bud		Oct. 20	3.00	27.50
Major Ed. Bowes. Deep Lavender. Incurved. Medium.....	Aug. 30		Oct. 20	3.00	27.50
October Rose. Light Lavender. Incurved. Medium.....	Sept. 5		Oct. 20	3.00	27.50
Rose Chochard. Light Lavender. Incurved. Short.....	Aug. 15		Oct. 20	3.00	27.50
Rosabella. Rose Pink. Incurved. Medium.....	Ter. Bud		Oct. 25	12.00	100.00
Pink Delight. Deep Rose Pink. Semi-Incurved. Tall.....	Sept. 10		Nov. 1	3.00	27.50
Old Rose. Amaranth. Incurved. Medium.....	Sept. 10		Nov. 1	3.00	27.50
J. W. Prince. (Improved Chieftain.) Rose Pink. Incurved. Short.....	Aug. 30		Nov. 5	3.00	27.50
Indianapolis Pink. Deep Lavender, with Pale Reverse. Incurved. Medium.....	Ter. Bud		Nov. 8	3.00	27.50
Floyd Gibbons. Salmon Pink with Buff Reverse. Short.....	Sept. 15		Nov. 10	3.00	27.50
Rose Perfection. Deep Rose Pink. Incurved. Short.....	Sept. 10		Nov. 10	3.00	27.50
Pink Treasure. Lavender. Incurved. Short.....	Sept. 20		Nov. 10	3.00	27.50
†Orchid Queen. Orchid Pink. Incurved. Medium.....	Ter. Bud		Nov. 10	3.00	27.50
Dr. Enquehard. Deep Lavender. Incurved. Medium.....	Sept. 5		Nov. 20	3.00	27.50
Peter John. Deep Rose Pink. Reflexed. Short.....	Sept. 15		Nov. 23	3.00	27.50
Thanksgiving Pink. Amaranth. Reflexed. Short.....	Sept. 15		Nov. 23	3.00	27.50
Distinction. Lavender. Incurved. Medium.....	Ter. Bud		Nov. 25	3.00	27.50
Helen Frick. Rose Pink. Incurved. Medium.....	Sept. 10		Nov. 25	3.00	27.50
Pink Chadwick. Deep Lavender. Semi-Incurved. Medium.....	Ter. Bud		Nov. 25	3.00	27.50
†Edwin Seidewitz. Lavender. Incurved. Tall.....	Sept. 15		Nov. 30	3.00	27.50
Pink Mistletoe. Lavender. Incurved. Medium.....	Sept. 30		Dec. 10	3.00	27.50

RED

Governor Green. Crimson with Old Gold Reverse. Semi-Incurved. Short.....	Aug. 15		Oct. 15	3.00	27.50
Mrs. David F. Roy. Crimson with Deep Buff Reverse. Short.....	Sept. 15		Nov. 8	3.00	27.50
Garnet King. Dark Red. Reflexed. Medium.....	Sept. 20		Nov. 18	3.00	27.50
Harvard. Deep Red. Reflexed. Medium.....	Sept. 30		Nov. 30	3.00	27.50
Mohawk Chief. Deep Red. Reflexed. Medium.....	Oct. 1		Nov. 30	3.00	27.50

Odd Formed-Feathery and Threadlike-Varieties

	Select Bud	Matures	Price per	
			100	1000
White Sensation. White. Medium.....	Ter. Bud	Nov. 1	8.00	75.00
Kimie. Golden Bronze. Medium.....	Ter. Bud	Nov. 1	8.00	75.00
Marie Tashima. White. Tall.....	Ter. Bud	Nov. 1	8.00	75.00
Golden Pride. Golden Yellow. Short.....	Ter. Bud	Nov. 1	8.00	75.00
Yamabuki. Yellow. Medium.....	Ter. Bud	Nov. 1	8.00	75.00
Sam Caswell. Light Rose Pink. Medium.....	Ter. Bud	Nov. 1	6.00	50.00
Yellow Taggart. Buff Yellow quilled petals. Medium.....	Ter. Bud	Nov. 1	6.00	50.00
Ohkwan. Lemon Yellow. Medium.....	Ter. Bud	Nov. 1	6.00	50.00
The Dean. White. Medium.....	Ter. Bud	Nov. 1	6.00	50.00
June Arnold. White with Cream center. Short.....	Ter. Bud	Nov. 5	8.00	75.00
Bess Witt. Bronze. (Sport from Peggy Ann Hoover.) Short.....	Ter. Bud	Nov. 5	8.00	75.00
Patricia Grace. (Rayonnante.) Rose Pink. Medium.....	Ter. Bud	Nov. 5	6.00	50.00
Butterfly. Yellow. Tall.....	Ter. Bud	Nov. 5	8.00	75.00
Peggy Ann Hoover. Light Rose Pink. Short.....	Ter. Bud	Nov. 5	6.00	50.00
Miss Gena Harwood. Buff Bronze. Medium.....	Ter. Bud	Nov. 5	6.00	50.00
Benten. Buff Bronze with Red spoon tips. Medium.....	Ter. Bud	Nov. 10	6.00	50.00
Silver Drops. White. Short.....	Ter. Bud	Nov. 10	8.00	75.00
Yomei. Golden Yellow with Red spoon tips. Medium.....	Ter. Bud	Nov. 10	6.00	50.00
Pride of Tokyo. Cream suffused with Pink. Tall.....	Ter. Bud	Nov. 10	6.00	50.00
Japanese Maiden. Buff Yellow. Medium.....	Ter. Bud	Nov. 25	6.00	50.00
Unique. Amaranth Red. Tall.....	Ter. Bud	Dec. 1	6.00	50.00

†—Cuttings not available until May 1st.

The terms, Short, Medium, Tall at the end of description, refer to finished height of plant.

Pompon and Decorative Commercial Varieties

The term pompon is applied to those varieties which are of the true rounded type, and those very nearly approaching this type.

Decorative varieties are those which are a distinct departure from the rounded type. Their flowers are less compact, partly reflexed and display more of the color of the inner side of the petals.

Size of flower is indicated by S—small; Int.—intermediate; L—large.

	YELLOW	Type	Matures	Price per	
				100	1000
Ida, Imp. Light Lemon Yellow. Medium.....		Int. Pom.	Oct. 15	3.00	27.50
Yellow Irene. Light Lemon Yellow. Sport from Irene. Short.....		S. Pompon	Oct. 18	4.00	35.00
Rodell, Imp. Light Lemon Yellow. Short.....		Int. Pom.	Oct. 20	3.00	27.50
*Masaka. Light Lemon Yellow. Medium.....		L. Pompon	Oct. 20	3.00	27.50
Gold Finch. Golden Yellow. Medium.....		Int. Pom.	Oct. 20	3.00	27.50
Golden Spray. Deep Lemon Yellow. Medium.....		Int. Pom.	Oct. 23	3.00	27.50
*Golden Fairy. Light Golden Yellow. Medium.....		L. Pompon	Oct. 23	3.00	27.50
*Golden Herald. Deep Golden Yellow. Medium.....		L. Dec.	Oct. 25	3.00	27.50
Cora Peck Buhl. Light Buff Yellow. Tall.....		Int. Pom.	Oct. 25	3.00	27.50
Yellow Dot. Yellow with Bronze center. Medium.....		Int. Pom.	Oct. 25	3.00	27.50
Mary Lennon Hall. (Vera Victoria.) Deep Lemon Yellow. Tall.....		Int. Pom.	Nov. 1	3.00	27.50
Gold Drop. Buff Yellow. Medium.....		Int. Pom.	Nov. 1	3.00	27.50
*Yellow Sea Gull. Pale Lemon Yellow. Tall.....		Int. Pom.	Nov. 1	3.00	27.50
*Yellow Doty. Buff Yellow. Medium.....		L. Pompon	Nov. 1	3.00	27.50
Nuggets. Light Lemon Yellow. Short.....		S. Pompon	Nov. 5	3.00	27.50
Derigold. Deep Golden Yellow. Medium.....		Int. Pom.	Nov. 10	3.00	27.50
Yellow New York. Deep Lemon Yellow. Medium.....		S. Pompon	Nov. 13	3.00	27.50
Golden Splendor. Golden Yellow. Medium.....		Int. Pom.	Nov. 15	3.00	27.50
Yellow Fellow. Deep Lemon Yellow. Medium.....		Int. Dec.	Nov. 15	3.00	27.50
Lois. Deep Golden Yellow. Medium.....		S. Pompon	Nov. 18	3.00	27.50
Tom Pearson. Deep Lemon Yellow. Medium.....		Int. Pom.	Nov. 18	3.00	27.50
Yellow Princeton. Deep Lemon Yellow. Medium.....		Int. Dec.	Nov. 20	8.00	75.00
*Ball of Gold. Deep Lemon Yellow. Medium.....		Int. Pom.	Nov. 20	3.00	27.50
Big Baby. Light Lemon Yellow. Medium.....		S. Pompon	Nov. 20	3.00	27.50
Hasegawa Gold. Light Golden Yellow. Medium.....		Int. Pom.	Nov. 23	3.00	27.50
Golden Sceptre. Lemon Yellow. Tall.....		Int. Pom.	Nov. 25	3.00	27.50
Long Island Sunshine. Light Lemon Yellow. Tall.....		Int. Pom.	Nov. 28	3.00	27.50
Yellow Yuletide. Pale Lemon Yellow. Short.....		Int. Pom.	Nov. 28	3.00	27.50
Christmas Gold. Deep Golden Yellow. Medium.....		S. Pompon	Nov. 28	3.00	27.50
Canary. Pale Lemon Yellow. Medium.....		Int. Pom.	Nov. 28	12.00	100.00
Yellow Cordova. Lemon Yellow. Sport from Cordova. Medium.....		Int. Dec.	Nov. 30	3.00	27.50
*Gold Coin. (Unalga.) Deep Lemon Yellow. Medium.....		Int. Pom.	Dec. 1	3.00	27.50
*Yuvawn. Buff Yellow. Medium.....		Int. Pom.	Dec. 3	3.00	27.50
Modena. Light Lemon Yellow. Medium.....		Int. Pom.	Dec. 5	3.00	27.50
Golden Modena. Deep Lemon Yellow. Medium.....		Int. Pom.	Dec. 5	4.00	35.00
Tokyo. Pale Lemon Yellow. Medium.....		S. Dec.	Dec. 10	3.00	27.50
Buttercup. Deep Lemon Yellow. Tall.....		Int. Pom.	Dec. 10	3.00	27.50
†Yellow Silver Star. Pale Lemon Yellow. Tall.....		Int. Pom.	Dec. 10	3.00	27.50
December Gold. Deep Golden Yellow. Medium.....		Int. Dec.	Dec. 15	8.00	75.00
Christmas Cheer. Buff Yellow. Medium.....		Int. Pom.	Dec. 15	3.00	27.50

RED

Natoma. Flame Scarlet. Short.....	Int. Dec.	Oct. 25	8.00	75.00
*Fire Ball. Dark Red. Tall.....	L. Pompon	Nov. 1	3.00	27.50
*Red Doty. Tall.....	L. Pompon	Nov. 1	3.00	27.50
Robin Hood. Dark Red. Medium.....	S. Pompon	Nov. 5	3.00	27.50
Patsy Dowd. Deep Red. Short.....	S. Pompon	Nov. 5	3.00	27.50
Grenadier. Deep Red. Medium.....	Int. Pom.	Nov. 10	3.00	27.50
Mrs. Mary Hooker. Deep Red. Tall.....	L. Dec.	Nov. 15	3.00	27.50
Red Princeton. Brazil Red. Medium.....	Int. Dec.	Nov. 15	4.00	35.00
Campfire. Deep Red. Tall.....	Int. Dec.	Nov. 20	3.00	27.50
Helen Hubbard. Deep Red. Medium.....	L. Dec.	Nov. 25	3.00	27.50
Royal Crimson. Dark Crimson. Medium.....	L. Dec.	Dec. 1	4.00	35.00

*—Good disbudded.

†—Cuttings not available until May 1st.

The terms, Short, Medium, Tall at the end of description, refer to finished height of plant.

Pompon and Decorative Commercial Varieties

WHITE

	Type	Matures	Price per	
			100	1000
Earliwhite. Medium	Int. Pom.	Oct. 10	3.00	27.50
Uvalda. Cream White. Medium	Int. Pom.	Oct. 10	3.00	27.50
White Jewell. White tinged with Light Lavender. Short.....	S. Pompon	Oct. 15	3.00	27.50
*Silver Ball. Medium	L. Pompon	Oct. 15	3.00	27.50
Snow Cloud. Medium	Int. Pom.	Oct. 15	3.00	27.50
Irene. Short	S. Pompon	Oct. 18	3.00	27.50
Greta. Medium	Int. Pom.	Oct. 20	3.00	27.50
Minong. Medium	S. Pompon	Oct. 20	3.00	27.50
Silver Bells. Medium	S. Pompon	Oct. 23	3.00	27.50
Arcadia. Medium	Int. Pom.	Oct. 28	3.00	27.50
White Pearl. White suffused with Pink. Sport from Rose Pearl. Medium	Int. Pom.	Oct. 28	12.00	100.00
*Sea Gull. Cream White. Tall	Int. Pom.	Nov. 1	3.00	27.50
*Marianna. Cream White. Medium.....	L. Pompon	Nov. 1	3.00	27.50
Dainty Maid. White suffused with Pink. Medium.....	S. Pompon	Nov. 1	3.00	27.50
Mary Pickford. Short	S. Pompon	Nov. 1	3.00	27.50
*White Doty. Ivory White. Medium.....	L. Pompon	Nov. 1	3.00	27.50
*Elora. Ivory White suffused with Pink. Tall.....	L. Pompon	Nov. 1	3.00	27.50
Rev. Horace Bushnell. Cream White. Tall.....	Int. Pom.	Nov. 8	3.00	27.50
Crystal Jewell. Tall	S. Pompon	Nov. 8	3.00	27.50
*Crystal White. Tall	Int. Pom.	Nov. 10	3.00	27.50
Penguin. Medium	S. Pompon	Nov. 10	3.00	27.50
Chicago Pearl. Ivory White. Medium.....	Int. Pom.	Nov. 15	3.00	27.50
Bobbie. Medium	S. Pompon	Nov. 18	3.00	27.50
Pearl. Tall	Int. Pom.	Nov. 20	8.00	75.00
White Yuletide. Short	Int. Pom.	Nov. 28	3.00	27.50
Cordova. Cream White. Medium.....	Int. Dec.	Nov. 30	3.00	27.50
Royal Queen. Medium	Int. Pom.	Dec. 5	3.00	27.50
White Tonquin. Sport from Tonquin. Medium.....	Int. Pom.	Dec. 10	5.00	40.00
†Silver Star. Ivory White. Tall.....	Int. Pom.	Dec. 10	3.00	27.50
December Glory. Ivory White. Medium.....	Int. Dec.	Dec. 15	3.00	27.50
Bridal Bells. Medium	Int. Dec.	Dec. 15	3.00	27.50
Snow. Ivory White. Medium.....	Int. Pom.	Dec. 30	8.00	75.00

BRONZE

*Tango. Reddish Bronze. Medium.....	L. Pompon	Oct. 15	7.00	65.00
Clara Jameson. Dark Reddish Bronze. Medium.....	Int. Pom.	Oct. 15	3.00	27.50
Nubian. Dark Reddish Bronze. Tall.....	Int. Pom.	Oct. 15	3.00	27.50
Bonnibell. Light Buff Bronze. Short.....	S. Pompon	Oct. 15	3.00	27.50
Roman Bronze. Bronze suffused with Pink. Sport from Capt. Cook. Tall	Int. Pom.	Oct. 20	3.00	27.50
Carlina Lee. Reddish Bronze. Medium.....	Int. Dec.	Oct. 20	3.00	27.50
Suntan. Pale Reddish Bronze. Medium.....	Int. Dec.	Oct. 20	3.00	27.50
Adelaide. Dark Reddish Bronze. Medium.....	S. Pompon	Oct. 23	3.00	27.50
Jemima. Dark Reddish Bronze. Medium.....	Int. Pom.	Oct. 23	3.00	27.50
†Bronze Queen. Reddish Bronze. Tall.....	S. Pompon	Oct. 25	3.00	27.50
Ethel. Reddish Bronze. Medium.....	S. Pompon	Oct. 25	3.00	27.50
Joan Wells. Buff Yellow with Bronze center. Sport from Pink Dot. Medium	Int. Pom.	Oct. 25	3.00	27.50
Fire Bird. Dark Reddish Bronze. Medium.....	Int. Dec.	Oct. 25	3.00	27.50
Bronze Doty. Light Reddish Bronze. Medium.....	Int. Pom.	Nov. 1	3.00	27.50
Source D'Or. Pale Buff Orange. Medium.....	Int. Dec.	Nov. 1	3.00	27.50
Elizabeth Peterson. Light Orange Bronze. Medium.....	Int. Dec.	Nov. 3	3.00	27.50
*Edith Newberry. Orange Rust. Tall.....	L. Dec.	Nov. 5	3.00	27.50
Peggy Poesch. Pale Buff Orange. Medium.....	L. Dec.	Nov. 10	4.00	35.00
*Muskoka. Dark Reddish Bronze. Tall.....	L. Pompon	Nov. 10	3.00	27.50
Pirate Gold. Light Buff Bronze. Medium.....	Int. Pom.	Nov. 10	6.00	50.00
New York. Reddish Bronze. Medium.....	S. Pompon	Nov. 13	3.00	27.50
Fez. Deep Reddish Bronze. Medium.....	S. Pompon	Nov. 15	3.00	27.50
Princeton. Golden Yellow suffused with Orange. Medium.....	Int. Dec.	Nov. 15	3.00	27.50
†November Bronze. Orange Bronze. Medium.....	Int. Pom.	Nov. 18	3.00	27.50
Catherine. Light Reddish Bronze. Medium.....	Int. Dec.	Nov. 20	3.00	27.50

*—Good disbudded.

†—Cuttings not available until May 1st.

Pompon and Decorative Commercial Varieties

BRONZE—Continued

	Type	Matures	Price per	
			100	1000
Legal Tender. Bronze and Gold. Medium.....	Int. Dec.	Nov. 20	3.00	27.50
Bronze Beauty. Deep Reddish Bronze. Medium.....	Int. Pom.	Nov. 25	3.00	27.50
Betty Watkins. Buff Yellow shading to Bronze. Medium.....	Int. Pom.	Nov. 25	3.00	27.50
†Dorothy Turner. Deep Reddish Bronze. Medium.....	Int. Pom.	Nov. 25	3.00	27.50
Dusky Maid. Light Reddish Bronze. Tall.....	Int. Pom.	Nov. 25	6.00	50.00
Gov. Lake. Dark Reddish Bronze. Short.....	Int. Pom.	Nov. 25	3.00	27.50
Mrs. Beu. Pale Reddish Bronze. Short.....	Int. Dec.	Nov. 25	3.00	27.50
Red Beu. Reddish Bronze. Short.....	Int. Dec.	Nov. 25	3.00	27.50
*Capt. Blood. Dark Reddish Bronze. Medium.....	L. Dec.	Nov. 25	3.00	27.50
†Bristolite. Deep Orange Bronze. Medium.....	Int. Pom.	Nov. 25	3.00	27.50
Gold Tips. Reddish Bronze and Gold. Medium.....	Int. Dec.	Nov. 25	3.00	27.50
Rowenna. Light Reddish Bronze. Tall.....	Int. Pom.	Nov. 25	3.00	27.50
Glow. Orange, Reddish Orange at center. Medium.....	Int. Pom.	Nov. 30	3.00	27.50
Avalon. Buff Orange. Medium.....	Int. Dec.	Dec. 1	3.00	27.50
Loris. Reddish Bronze. Medium.....	Int. Dec.	Dec. 1	3.00	27.50
Wildfire. Orange Rust. Medium.....	Int. Dec.	Dec. 3	3.00	27.50
Harmony. Red Orange with Bronze shading. Medium.....	Int. Pom.	Dec. 5	4.00	35.00
Golden Nymph. Light Buff Bronze. Medium.....	S. Pompon	Dec. 10	3.00	27.50
Katherine Johnston. Light Reddish Bronze. Medium.....	Int. Pom.	Dec. 10	5.00	40.00
Cavalcade. Mandarin Red—Golden Bronze reverse. Medium.....	Int. Pom.	Dec. 10	4.00	35.00

PINK

Jewell. Lavender. Short.....	S. Pompon	Oct. 15	3.00	27.50
Dark Pink Jewell. Deep Lavender. Sport from Jewell. Short.....	S. Pompon	Oct. 15	3.00	27.50
Leileh. Pale Rose Pink. Medium.....	Int. Dec.	Oct. 15	3.00	27.50
Bonnie Maid. Light Lavender. Medium.....	Int. Pom.	Oct. 20	3.00	27.50
Pink Pearl. Rose Pink. Medium.....	S. Pompon	Oct. 20	4.00	35.00
Capt Cook. Deep Rose Pink. Tall.....	Int. Pom.	Oct. 20	3.00	27.50
Persian Rose. Deep Rose Pink. Short.....	Int. Pom.	Oct. 23	3.00	27.50
Rose Pearl. Lavender. Medium.....	Int. Pom.	Oct. 23	12.00	100.00
Jessie (Madeline). Light Lavender. Medium.....	Int. Pom.	Oct. 25	3.00	27.50
*Angello. Pale Rose Pink. Short.....	L. Pom.	Oct. 25	3.00	27.50
*Nellie Klevis. Lavender. Tall.....	L. Pom.	Oct. 25	3.00	27.50
Pink Dot. White with Pink center. Medium.....	Int. Pom.	Oct. 25	3.00	27.50
Highlights. Pale Lavender with Deep Lavender center. Medium.....	Int. Pom.	Oct. 25	3.00	27.50
Ermalinda. Deep Lavender. Medium.....	S. Pompon	Oct. 25	3.00	27.50
Rising Sun. Cream White with Salmon Pink center. Medium.....	Int. Pom.	Oct. 28	4.00	35.00
Bright Spot. Deep Lavender. Medium.....	S. Pompon	Nov. 1	3.00	27.50
*Irene Rich. Light Rose Pink. Medium.....	L. Pompon	Nov. 1	3.00	27.50
*Lillian Doty. Pale Rose Pink. Medium.....	L. Pompon	Nov. 1	3.00	27.50
*Rose Charm. Lavender. Medium.....	L. Pompon	Nov. 1	3.00	27.50
Mrs. Morgan G. Bulkeley. Light Rose Pink suffused with Orchid Lavender. Tall.....	Int. Pom.	Nov. 8	3.00	27.50
*Thyra. Lavender. Medium.....	L. Pompon	Nov. 10	3.00	27.50
Silver Tips. Deep Lavender with Silver tips. Medium.....	Int. Pom.	Nov. 13	3.00	27.50
Alice. Light Lavender. Medium.....	Int. Dec.	Nov. 15	3.00	27.50
Masterpiece. Tourmaline Pink. Medium.....	Int. Pom.	Nov. 15	3.00	27.50
Dorothy Nehrling. Rose Pink. Medium.....	S. Pompon	Nov. 15	3.00	27.50
Western Beauty. Rose Pink. Short.....	Int. Dec.	Nov. 20	3.00	27.50
Bobette. Pink with Bronze center. Medium.....	S. Pompon	Nov. 25	10.00	90.00
Usona. Lavender. Medium.....	Int. Pom.	Nov. 25	3.00	27.50
Olivia. Deep Lavender. Medium.....	Int. Pom.	Dec. 1	3.00	27.50
Roselea. Pale Rose Pink. Medium.....	Int. Pom.	Dec. 1	3.00	27.50
Pagosa. Amaranth. Medium.....	Int. Pom.	Dec. 5	3.00	27.50
Amaranthea. Amaranth. Medium.....	Int. Pom.	Dec. 10	5.00	40.00
Tonquin. Deep Lavender. Medium.....	Int. Pom.	Dec. 10	3.00	27.50
Prosperity. Deep Lavender. Medium.....	Int. Dec.	Dec. 10	8.00	75.00
Mother of Pearl. Light Rose Pink. Tall.....	Int. Pom.	Dec. 30	7.00	65.00

*—Good disbudded.

†—Cuttings not available until May 1st.

The terms, Short, Medium, Tall at the end of description, refer to finished height of plant.



CALIFORNIA YELLOW DAISY

California Daisy Type

The following three Daisy type varieties are grown in California for shipping East. All are of medium height of flower in California from October 3rd to 20th.

Cuttings will be shipped direct from California.

	Per 100	Per 1000
Bronze Daisy	\$4.00	\$30.00
Kashima Red	\$4.00	\$30.00
Nagoma White	4.00	30.00
Mori Apricot	5.00	40.00
Yellow Daisy.....	4.00	30.00

Single-Daisy Type-Varieties

YELLOW

	Size	Matures	Price per	
			100	1000
†Gretchen Piper, Lemon Yellow, Medium.....	Intermed.	Nov. 1	3.00	27.50
Golden Mensa, Pale Lemon Yellow, Medium.....	Intermed.	Nov. 10	3.00	27.50
Sunny Boy, Pale Buff Yellow, Medium.....	Intermed.	Nov. 15	3.00	27.50
Charter Oak, Golden Yellow, Tall.....	Intermed.	Nov. 25	3.00	27.50
Yellow Godfrey, Light Lemon Yellow, Tall.....	Intermed.	Nov. 25	3.00	27.50
*Jane, Buff Yellow, Sport from Valencia, Tall.....	Large	Nov. 30	3.00	27.50
Fawn, Deep Buff Yellow, Medium.....	Intermed.	Dec. 5	8.00	75.00

WHITE

Silver Emblem, Cream White, Medium.....	Intermed.	Nov. 1	8.00	75.00
White Mensa, Ivory White, Medium.....	Intermed.	Nov. 10	3.00	27.50
Gladys Duckham, Medium.....	Intermed.	Nov. 20	3.00	27.50
White Godfrey, White suffused with Pink, Tall.....	Intermed.	Nov. 25	3.00	27.50

BRONZE

Aloma, Terra Cotta Bronze with Yellow center, Medium.....	Intermed.	Oct. 20	3.00	27.50
Joan Piper, Pale Buff Orange, Medium.....	Intermed.	Oct. 28	3.00	27.50
†Absolute, Scarlet Bronze with Yellow center, Medium.....	Intermed.	Nov. 1	3.00	27.50
Ida Skiff, Light Bronze, Short.....	Intermed.	Nov. 1	3.00	27.50
Bronze Buckingham, Light Orange Bronze, Short.....	Intermed.	Nov. 3	3.00	27.50
*Mason's Bronze, Burnt Orange, Short.....	Large	Nov. 10	3.00	27.50
Lighthouse, Bronze shading to Watermelon Red, Medium.....	Intermed.	Nov. 10	3.00	27.50
†Melba, Light Reddish Bronze, Short.....	Large	Nov. 15	3.00	27.50
Elizabeth McDowell, Pale Bronze, Medium.....	Intermed.	Nov. 15	3.00	27.50
†Sunburst, Sunburst Orange, Medium.....	Large	Nov. 25	3.00	27.50
Viking, Deep Reddish Bronze shading to Orange, Medium.....	Intermed.	Dec. 1	8.00	75.00
Dawn, Pale Reddish Bronze, Tall.....	Intermed.	Dec. 5	3.00	27.50

RED

D. Baker, Orange Red, Short.....	Large	Oct. 20	3.00	27.50
Red Daisy, Deep Red, Medium.....	Intermed.	Oct. 25	4.00	35.00
Mrs. Darling, Light Red, Medium.....	Intermed.	Nov. 1	3.00	27.50
*Red Rover, Crimson Orange, Short.....	Large	Nov. 5	3.00	27.50
†Tagoya, Brilliant Goya Red, Short.....	Intermed.	Nov. 10	3.00	27.50
*Clara Holford, Deep Red, Medium.....	Large	Nov. 10	4.00	35.00
Radiant, Light Red, Medium.....	Intermed.	Nov. 10	3.00	27.50
†Red Melba, Light Red, Short.....	Large	Nov. 15	3.00	27.50
Hasegawa Poinsettia, Deep Red, Medium.....	Intermed.	Nov. 25	3.00	27.50
*Carnelia, Bittersweet Red, Short.....	Large	Nov. 30	3.00	27.50
Joe Beuerlein, Crimson Red, Medium.....	Intermed.	Dec. 5	3.00	27.50
Blaze, Deep Scarlet Red, Tall.....	Intermed.	Dec. 10	8.00	75.00

*—Good disbudded.

†—Cuttings not available until May 1st.

The terms, Short, Medium, Tall at the end of description, refer to finished height of plant.

Single-Daisy Type-Varieties

	PINK	Size	Matures	Price Per	
				100	1000
W. H. Buckingham. Rose Pink. Short.....	Intermed.		Nov. 3	3.00	27.50
†Fairy Queen. Orchid Pink. Short.....	Intermed.		Nov. 15	4.00	35.00
Woburn. Light Lavender. Tall.....	Intermed.		Nov. 15	3.00	27.50
Hasegawa Pink. Lavender. Medium	Intermed.		Nov. 25	3.00	27.50
Mrs. E. D. Godfrey. Light Rose Pink. Tall.....	Intermed.		Nov. 25	3.00	27.50
*Valencia. Orchid Pink. Tall	Large		Nov. 30	3.00	27.50
*Dark Pink Valencia. Deep Orchid Pink. Tall.....	Large		Nov. 30	8.00	75.00

Anemone Flowered Varieties

	YELLOW	Size	Matures	Price Per	
				100	1000
Yellow Blanche. Pale Lemon Yellow. Medium.....	Intermed.		Nov. 1	3.00	27.50
*Helios. Deep Golden Yellow. Medium.....	Large		Nov. 10	4.00	35.00
Sunray. Light Lemon Yellow. Medium.....	Intermed.		Nov. 15	3.00	27.50
Faith Engel. Light Lemon Yellow with Golden Yellow Cushion. Medium	Intermed.		Nov. 15	4.00	35.00
*Susanne Miller. Buff Yellow. Sport from Norma. Tall.....	Large		Nov. 18	3.00	27.50
Yellow Rolinda. Light Buff Yellow. Medium.....	Intermed.		Nov. 23	3.00	27.50
*Maritza. Golden Yellow. Short.....	Large		Nov. 25	3.00	27.50
*Sunshine. Deep Lemon Yellow. Short.....	Intermed.		Nov. 25	3.00	27.50
*Citrus Queen. Lemon Orange. Medium.....	Large		Nov. 25	3.00	27.50
*Gleam. Deep Lemon Yellow. Medium.....	Large		Dec. 5	8.00	75.00
*Yellow Supreme. Buff Yellow suffused with Pink. Medium.....	Large		Dec. 10	3.00	27.50
Yellow Garza Supreme. Pale Lemon Yellow. Short.....	Intermed.		Dec. 15	3.00	27.50

WHITE

Graceland. White with Yellow center. Medium.....	Intermed.		Oct. 28	3.00	27.50
Blanche. Medium	Intermed.		Nov. 1	3.00	27.50
*White Anemone. Tall	Intermed.		Nov. 5	3.00	27.50
The Belle. Medium	Intermed.		Nov. 5	3.00	27.50
*Smith's Innocence. Tall	Large		Nov. 5	3.00	27.50
Shasta. Medium	Intermed.		Nov. 8	12.00	100.00
*Little America. Medium	Intermed.		Nov. 10	3.00	27.50
*Irene Hayes. Medium.....	Large		Nov. 15	8.00	75.00
*White Norma. White suffused with Pink. Tall.....	Large		Nov. 18	3.00	27.50
Early Garza Supreme. Short	Intermed.		Nov. 25	3.00	27.50
*Swan. Medium	Large		Dec. 1	8.00	75.00
*White Supreme. White suffused with Pink. Medium.....	Large		Dec. 10	3.00	27.50
Garza Supreme. Short	Intermed.		Dec. 15	3.00	27.50

RED

*Stoplight. Terra Cotta petals with Yellow cushion. Medium.....	Intermed.		Nov. 5	3.00	27.50
*The Titan. Scarlet Crimson with Bronzy Red cushion. Medium.....	Large		Nov. 10	3.00	27.50
*Captivation. Mahogany Red. Medium.....	Large		Nov. 10	3.00	27.50
†*Crimson Glow. Crimson Maroon. Medium.....	Intermed.		Nov. 25	3.00	27.50

PINK

*Betty Rose. Lavender. Medium.....	Large		Oct. 25	3.00	27.50
*Marietta. Pale Lavender. Medium	Large		Oct. 30	3.00	27.50
*Topknot. Amaranth with Cream White cushion. Medium.....	Intermed.		Nov. 5	3.00	27.50
Linda Lou. Lavender. Medium.....	Intermed.		Nov. 8	12.00	100.00
*Elsa Piel. Light Lavender. Medium.....	Large		Nov. 10	4.00	35.00
*China Rose. Amaranth Purple. Medium.....	Large		Nov. 10	3.00	27.50
*Tuxedo. Rose Pink. Medium.....	Large		Nov. 10	3.00	27.50
Orchid Beauty. Orchid with Golden cushion. Medium.....	Intermed.		Nov. 15	3.00	27.50
*Freida. Light Lavender with Yellow cushion. Medium.....	Large		Nov. 15	3.00	27.50
*Norma. Orchid Pink petals with Salmon cushion. Tall.....	Intermed.		Nov. 18	3.00	27.50
*Dark Pink Norma. Deep Lavender. Sport from Norma. Tall.....	Intermed.		Nov. 18	3.00	27.50
*Long Island Beauty. Pale Pink with Yellow cushion. Medium.....	Large		Nov. 20	3.00	27.50
*Beautiful Lady. Deep Lavender rays with Cream White cushion. Short	Large		Nov. 25	3.00	27.50
*Dark Pink Supreme. Lavender. Medium.....	Large		Dec. 10	3.00	27.50

*—Good disbudded.

†—Cuttings not available until May 1st.

Anemone Flowered Varieties

BRONZE

	Size	Matures	Price Per	
			100	1000
*Mrs. Chas. Wylie. Light Reddish Bronze. Medium.....	Large	Nov. 1	8.00	75.00
*Bronze Tuxedo. Light Buff suffused with Pink. Sport from Tuxedo. Medium	Large	Nov. 10	3.00	27.50
*Cora Scovil. Burnt Orange with low Golden cushion. Medium.....	Large	Nov. 10	8.00	75.00
*Bronze Norma. Deep Buff Bronze. Sport from Norma. Tall.....	Large	Nov. 18	3.00	27.50
*Estrelita. Deep Buff Bronze. Medium.....	Large	Nov. 20	3.00	27.50
Rolinda. Pale Reddish Bronze. Medium.....	Intermed.	Nov. 23	3.00	27.50
Red Rolinda. Deep Reddish Bronze. Sport from Rolinda. Medium	Intermed.	Nov. 23	3.00	27.50
Yolanda. Pale Orange Bronze. Medium.....	Small	Nov. 25	3.00	27.50
*Coral Blaze. Deep Orange Bronze. Short.....	Large	Dec. 1	3.00	27.50
Chrome Emerald. Golden Orange with Gold cushion. Short.....	Intermed.	Dec. 1	3.00	27.50
*Bronze Supreme. Light Bronze suffused with Pink. Medium.....	Large	Dec. 10	3.00	27.50

Pot Plant Varieties

The varieties listed below include those of all types which have been found most suitable for pot culture. Types are indicated by Single, Anemone, Decorative, Pompon, and Incurved. Size of flower is indicated by S—Small; Int.—Intermediate; L—Large; and L. F.—Large Flowering commercial.

BRONZE

	Spray or Disbud	Blooming Date	Price per	
			100	1000
Early Bronze. Orange Bronze. S. Pompon.....	Spray	Sept.	3.00	27.50
Bronze Lode. Pale Buff Bronze. L. F. Dec.....	Disbud	Oct. 1	3.00	27.50
Tango. Reddish Bronze. L. Pompon.....	Disbud	Oct. 15	7.00	65.00
Bonnibell. Light Buff Bronze. S. Pompon.....	Spray	Oct. 15	3.00	27.50
Thorina. Reddish Bronze. Int. Pompon.....	Spray	Oct. 20	5.00	40.00
Carlina Lee. Reddish Bronze. Int. Dec.....	Disbud	Oct. 20	3.00	27.50
Kathleen Thompson. Bronze. Int. Dec.....	Disbud	Oct. 25	3.00	27.50
Ethel. Reddish Bronze. S. Pompon.....	Spray	Oct. 25	3.00	27.50
Bronze Prince. Buff Bronze. L. Dec.....	Disbud	Nov. 1	3.00	27.50
Autumn Glow. Deep Coral Bronze. Int. Dec.....	or Spray	Nov. 1	3.00	27.50
Floradora. Pale Reddish Bronze. Int. Anemone.....	Disbud	Nov. 1	3.00	27.50
†Glitters. Deep Reddish Orange. L. F. Dec.....	Disbud	Nov. 1	3.00	27.50
Bronze Buckingham. Light Orange Bronze. Int. Single.....	or Spray	Nov. 5	3.00	27.50
†Melba. Light Reddish Bronze. L. Single.....	Disbud	Nov. 5	3.00	27.50
Brutus. Reddish Bronze. Int. Dec.....	Disbud	Nov. 10	3.00	27.50
Greystone. Buff Bronze. L. Pompon.....	Disbud	Nov. 10	3.00	27.50
Gypsy. Pale Reddish Bronze. S. Anemone.....	Spray	Nov. 15	4.00	35.00
Rolinda. Pale Reddish Bronze. Int. Anemone.....	or Spray	Nov. 20	3.00	27.50
Red Rolinda. Deep Reddish Bronze. Int. Anemone.....	or Spray	Nov. 20	3.00	27.50
Mrs. Beu. Pale Reddish Bronze. Int. Dec.....	or Spray	Nov. 25	3.00	27.50
Red Beu. Reddish Bronze. Int. Dec.....	or Spray	Nov. 25	3.00	27.50
Hope Engel. Deep Reddish Bronze. S. Anemone.....	Spray	Nov. 25	4.00	35.00

WHITE

White Jewell. White tinged with Light Lavender. S. Pompon.....	Spray	Oct. 10	3.00	27.50
Irene. S. Pompon	Spray	Oct. 15	3.00	27.50
Christina. L. F. Incurved	Disbud	Oct. 20	3.00	27.50
Graceland. White with Yellow center. Int. Anemone...	Disbud or Spray	Oct. 25	3.00	27.50
White Caprice. Cream White. Int. Dec.....	Disbud or Spray	Oct. 25	3.00	27.50
Mary Pickford. S. Pompon	Spray	Nov. 1	3.00	27.50
White Izola. Sport from Izola. S. Anemone.....	Disbud	Nov. 1	3.00	27.50
Richard Mandel. L. Pompon.....	Disbud	Nov. 10	4.00	35.00

*—Good disbudded.

†—Cuttings not available until May 1st.

Pot Plant Varieties

PINK

	Spray or Disbud	Blooming Date	Price per 100 1000
Jewell. Lavender. S. Pompon	Spray	Oct. 10	3.00 27.50
Justrite. Light Rose Pink. L. F. Incurved.....	Disbud	Oct. 15	3.00 27.50
Rose Chochard. Light Lavender. L. F. Incurved.....	Disbud	Oct. 20	3.00 27.50
Benoit. Deep Lavender. Int. Pompon	Disbud	Oct. 20	3.00 27.50
Persian Rose. Deep Rose Pink. Int. Pompon.....	Spray	Oct. 20	3.00 27.50
Pink Beauty. Pale Rose Pink. L. pompon.....	Disbud	Oct. 20	3.00 27.50
Butler's Caprice. Rose Pink. Int. Dec.....	Disbud or Spray	Oct. 25	3.00 27.50
Lilac Caprice. Lavender. Int. Dec.	Disbud or Spray	Oct. 25	3.00 27.50
Purple Caprice. Amaranth. Int. Dec.....	Disbud or Spray	Oct. 25	3.00 27.50
Thyra. Deep Lavender. L. Pompon.....	Disbud	Nov. 1	3.00 27.50
Izola. Amaranth. S. Anemone	Disbud	Nov. 1	3.00 27.50
W. H. Buckingham. Rose Pink. Int. Single.....	Disbud or Spray	Nov. 1	3.00 27.50
Laelia. Lavender. Int. Anemone.	Disbud or Spray	Nov. 5	3.00 27.50
Margo. Deep Lavender. S. Anemone.....	Disbud or Spray	Nov. 5	3.00 27.50
Pygmy. Deep Lavender. Int. Pompon	Disbud or Spray	Nov. 10	3.00 27.50
Queen of Pinks. Lavender. L. Pompon.....	Disbud	Nov. 10	4.00 35.00
Ethrelda. Light Lavender. Int. Anemone.....	Disbud	Nov. 12	5.00 40.00
Orchid Beauty. Orchid with Golden cushion. Int. Anemone.....	Disbud	Nov. 15	3.00 27.50
Little Amethyst. Pale Lavender. S. Anemone.....	Spray	Nov. 15	8.00 75.00
Masterpiece. Tourmaline Pink. Int. Pompon.....	Disbud or Spray	Nov. 15	3.00 27.50
Patty. Deep Lavender. L. Pompon.....	Disbud	Nov. 25	3.00 27.50
Amaranthea. Amaranth. Int. Pompon.....	Spray	Dec. 10	5.00 40.00

YELLOW

Early Yellow. Light GoldenYellow. S. Pompon.....	Spray	Sept. 15	3.00 27.50
Pomponette. Primrose Yellow. Int. Pom.....	Spray	Sept. 20	8.00 75.00
Gold Lode. Light Golden Yellow. L. F. Dec.....	Disbud	Oct. 1	3.00 27.50
Golden Spray. Deep Lemon Yellow. Int. Pom.....	Spray	Oct. 15	3.00 27.50
Cincinnati. Golden Yellow. L. Pompon.....	Disbud	Oct. 20	8.00 75.00
Rodell. Imp. Light Lemon Yellow. Int. Pom.....	Spray	Oct. 20	3.00 27.50
Golden Wave. Light Golden Yellow. L. F. Incurved.....	Disbud	Oct. 20	3.00 27.50
Judith Anderson. Golden Yellow. S. Pompon.....	Spray	Oct. 25	3.00 27.50
Yellow Caprice. Pale Lemon Yellow. Int. Dec.....	Disbud or Spray	Oct. 25	3.00 27.50
Smith's Superlative. Deep Golden Yellow. L. F. Dec.....	Disbud	Oct. 25	3.00 27.50
Nuggets. Light Lemon Yellow. S. Pompon.....	Spray	Oct. 25	3.00 27.50
Yellow Izola. Buff Yellow. S. Anemone.....	Disbud	Nov. 1	3.00 27.50
Ohio State. Light Lemon Yellow. Int. Anemone.....	Disbud	Nov. 1	3.00 27.50
Golden Glory. Golden Yellow. L. F. Incurved.....	Disbud	Nov. 1	3.00 27.50
Baby. Light Lemon Yellow. S. Pompon.....	Spray	Nov. 10	3.00 27.50
Lila Lilly. Lemon Yellow. Int. Anemone.....	Disbud	Nov. 10	8.00 75.00
Yellow Beauty. Golden Yellow. L. Pompon.....	Disbud	Nov. 10	4.00 35.00
Lois. Deep Golden Yellow. S. Pompon.....	Spray	Nov. 15	3.00 27.50
Sunray. Light Lemon Yellow. S. Anemone.....	Spray	Nov. 15	3.00 27.50
Faith Engel. Light Lemon Yellow with Golden Yellow cushion. S. Anemone	Spray	Nov. 15	4.00 35.00
Yellow Fellow. Deep Lemon Yellow. Int. Dec.....	Disbud or Spray	Nov. 18	3.00 27.50
Bonnaffon DeLuxe. Golden Yellow. L. F. Incurved.....	Disbud	Nov. 20	3.00 27.50
Bright Light. Light Lemon Yellow. L. Dec.....	Disbud	Nov. 20	3.00 27.50
Yellow Rolinda. Light Buff Yellow. Int. Anemone.....	Disbud or Spray	Nov. 20	3.00 27.50
Sun Gold. Lemon Yellow. L. F. Dec.....	Disbud	Nov. 25	3.00 27.50
W. H. Lincoln. Golden Yellow. L. Pompon.....	Disbud	Nov. 25	3.00 27.50
Sunshine. Deep Golden Yellow. Int. Anemone.....	Disbud	Nov. 25	3.00 27.50

RED

Red Izola. Amaranth Red. S. Anemone.....	Disbud	Nov. 1	3.00 27.50
†Red Melba. Light Red. L. Single.....	Disbud	Nov. 5	3.00 27.50
Harvard. Deep Red. L. F. Dec.....	Disbud	Nov. 30	3.00 27.50

*—Good disbudded.

†—Cuttings not available until May 1st.

MONEY SAVING DISCOUNTS. 5% discount is allowed on orders placed 60 days before April 1st, provided shipping date is April 1st or later.

5% additional discount is allowed if order totals 10,000 or more cuttings, and is placed at one time.

Hardy Varieties

BRONZE

	Type	Matures	Price per	
			100	1000
#Geronimo. Buff Orange. Medium.....	Decorative	Aug. 25	3.00	27.50
Ann Miller. Orange Red. Medium.....	Decorative	Aug. 25	3.00	27.50
Bronze Cushion. (King Cushion.) Buff Bronze. Short.....	Semi-Double	Sept.	3.00	27.50
Aladdin. Deep Apricot. Short.....	Decorative..	Sept.	3.00	27.50
Early Bronze. Orange Bronze. Short.....	Button	Sept.	3.00	27.50
Emmet. Buff Bronze suffused with Pink. Short.....	Single	Sept. 15	3.00	27.50
Elena. Reddish Bronze. Short.....	Decorative	Sept. 20	3.00	27.50
#Agnes S. Clark. Apricot Salmon. Medium.....	Single	Sept. 25	3.00	27.50
Sunkist. Orange Bronze. Short.....	Decorative	Sept. 25	3.00	27.50
#Mercury. Blend of Old Rose and Salmon. Medium.....	Single	Sept. 30	3.00	27.50
Francis Whittlesey. Deep Bronze and Garnet. Short.....	Decorative	Sept. 30	3.00	27.50
#Autumn Lights. Coppery Bronze. Short.....	Semi-Double	Sept. 30	8.00	75.00
A. Barham. Reddish Bronze. Short.....	Decorative	Oct. 1	3.00	27.50
#Orange Wonder. Deep Coppery Orange. Medium.....	Decorative	Oct. 1	3.00	27.50
Amoskeag. Buff Bronze. Short.....	Semi-Double	Oct. 1	3.00	27.50
Sonoma. Bronze with Golden reverse. Medium.....	Decorative	Oct. 1	3.00	27.50
Little Bob. Dark Reddish Bronze. Medium.....	Button	Oct. 1	3.00	27.50
#Louise Schling. Bronze Salmon. Medium.....	Single	Oct. 5	3.00	27.50
#Vulcan. Bronze Crimson. Medium.....	Single	Oct. 5	3.00	27.50
#Romany. Reddish Bronze. Medium.....	Decorative	Oct. 5	3.00	27.50
Marisa. Orange Bronze. Short.....	Single	Oct. 10	3.00	27.50
#Mandarin. Coral Salmon. Medium.....	Decorative	Oct. 10	4.00	35.00
#Goblin. Golden Bronze. Medium.....	Decorative	Oct. 10	8.00	75.00
#Apollo. Bronze Red. Medium.....	Single	Oct. 12	3.00	27.50
#Saturn. Orange Bronze. Medium.....	Single	Oct. 12	3.00	27.50
#Ember. Orange Bronze. Medium.....	Decorative	Oct. 15	3.00	27.50
Granny Scovill. Coral Bronze. Short.....	Decorative	Oct. 15	3.00	27.50
Indian Summer. Orange Bronze. Medium.....	Decorative	Oct. 25	3.00	27.50

PINK

Clara Curtis. Salmon Pink. Short.....	Single	Aug. 28	8.00	75.00
Amelia. (Pink Cushion.) Pale Lavender. Short.....	Semi-Double	Sept.	3.00	27.50
Glada. Light Rose Pink. Short.....	Decorative	Sept.	3.00	27.50
Provence. Light Rose Pink blended with Yellow. Medium.....	Decorative	Sept.	3.00	27.50
Robertia Copeland. Rose Pink. Short.....	Semi-Double	Sept. 15	8.00	75.00
Panola. Deep Lavender. Short.....	Decorative	Sept. 15	3.00	27.50
Otsego. Deep Lavender. Short.....	Decorative	Sept. 15	3.00	27.50
#The Moor. Amaranth. Short.....	Decorative	Sept. 25	3.00	27.50
#Pink Lustre. Pale Lavender. Medium.....	Single	Sept. 25	3.00	27.50
Muskogee. Deep Lavender. Short.....	Semi-Double	Sept. 27	3.00	27.50
Manantico. Light Rose Pink. Short.....	Single	Sept. 27	3.00	27.50
Albert Muller. Apricot suffused with Pink. Medium.....	Decorative	Oct. 1	3.00	27.50
Eden. Rose Pink. Short.....	Decorative	Oct. 1	3.00	27.50
#Psyche. Pale Rose Pink. Medium.....	Single	Oct. 1	3.00	27.50
Jean Treadway. Light Rose Pink with dark center. Medium.....	Decorative	Oct. 1	3.00	27.50
Passumpsic. Deep Lavender. Short.....	Decorative	Oct. 1	3.00	27.50
Pohatcong. Pale Lavender. Short.....	Decorative	Oct. 1	3.00	27.50
#Burgundy. Amaranth. Medium.....	Decorative	Oct. 5	8.00	75.00
Rose Glow. Raspberry changing to Opalescent Rose. Short.....	Semi-Double	Oct. 5	8.00	75.00
Lilyan. Pale Rose Pink. Short.....	Decorative	Oct. 5	3.00	27.50
Lavender Lady. Lavender. Medium.....	Decorative	Oct. 8	8.00	75.00
#Country Girl. Light Rose Pink. Tall.....	Single	Oct. 10	3.00	27.50
#The Urchin. Crushed Raspberry and Gold. Medium.....	Semi Double	Oct. 10	3.00	27.50
#Symphony. Mauve, Coppery Pink, and Lavender. Medium.....	Decorative	Oct. 12	3.00	27.50
Ganna. Rose Pink. Medium.....	Decorative	Oct. 12	3.00	27.50
Muldoon. Amaranth. Medium.....	Decorative	Oct. 12	3.00	27.50

‡—Korean Varieties.

The terms, Short, Medium, Tall at the end of description, refer to finished height of plant.

Hardy Varieties

PINK—Continued

	Type	Matures	Price per	
			100	1000
‡Daphne. Rose Pink. Medium.....	Single	Oct. 12	3.00	27.50
‡Venus. Rhodonite Pink. Medium.....	Single	Oct. 12	3.00	27.50
‡Diana. Rose Pink. Medium.....	Single	Oct. 12	3.00	27.50
Murillo. Light Lavender. Medium.....	Decorative	Oct. 12	3.00	27.50
‡Hebe. Light Rose Pink. Medium.....	Single	Oct. 15	3.00	27.50
Rosy Gem. Rose Pink. Medium.....	Decorative	Oct. 15	3.00	27.50
‡Aphrodite. Pale Rose Pink. Short.....	Single	Oct. 15	3.00	27.50
Kuzuka. Rose Pink with quilled Yellow center. Short.....	Decorative	Oct. 20	3.00	27.50
‡Melody. Light Rose Pink. Medium.....	Single	Oct. 25	8.00	75.00
Sonia. Deep Lavender. Short.....	Decorative	Oct. 25	3.00	27.50
Pink Spoon. Lavender. Medium.....	Spoon	Oct. 30	8.00	75.00

YELLOW

Carrie. Light Lemon Yellow. Medium.....	Decorative	Early	3.00	27.50
Yellow Cushion. Light Buff Yellow. Short.....	Semi-Double	Sept.	3.00	27.50
Barbara Cumming. (Yellow Normandie.) Buff Yellow. Medium.	Decorative	Sept.	3.00	27.50
Wolverine. Light Yellow. Medium.....	Decorative	Sept.	3.00	27.50
‡Pygmy Gold. Golden Yellow. Short.....	Button	Sept. 5	4.00	35.00
Lorelei. Light Lemon Yellow. Medium.....	Decorative	Sept. 10	3.00	27.50
Early Yellow. Light Golden Yellow. Sport from Early Bronze. Short	Button	Sept. 15	3.00	27.50
Algonquin. Golden Yellow. Medium.....	Decorative	Sept. 20	3.00	27.50
‡King Midas. Light Lemon Yellow. Medium.....	Decorative	Sept. 30	3.00	27.50
‡Acacia. Pale Lemon Yellow. Medium.....	Semi-Double	Sept. 30	8.00	75.00
R. Marion Hatton. Light Lemon Yellow. Medium.....	Decorative	Oct. 1	3.00	27.50
‡Mrs. Sam P. Rotan. Deep Golden Yellow. Medium.....	Decorative	Oct. 1	3.00	27.50
‡Gleam o' Gold. Pale Lemon Yellow. Short.....	Decorative	Oct. 1	8.00	75.00
Barnegat. Pale Lemon Yellow. Short.....	Decorative	Oct. 1	3.00	27.50
‡Orion. Light Lemon Yellow. Medium.....	Single	Oct. 5	3.00	27.50
Pale Moon. Pale Lemon Yellow. Medium.....	Semi-Double	Oct. 5	8.00	75.00
Yellow Gem. Light Lemon Yellow. Medium.....	Button	Oct. 5	3.00	27.50
‡Ceres. Buff Yellow. Medium.....	Single	Oct. 10	3.00	27.50
Jack Bannister. Light Golden Yellow. Medium.....	Decorative	Oct. 10	3.00	27.50
Judith Anderson. Golden Yellow. Short.....	Button	Oct. 25	3.00	27.50
Yellow Spoon. Lemon Yellow. Medium.....	Spoon	Oct. 30	8.00	75.00

WHITE

White Gull. Short	Button	Aug. 20	3.00	27.50
‡Innocence. White suffused with Pink. Short.....	Single	Sept.	3.00	27.50
Jean Cumming. Ivory White. Medium.....	Decorative	Sept.	3.00	27.50
White Cushion. (Queen Cushion.) Short.....	Semi-Double	Sept.	3.00	27.50
Normandie. White suffused with Pink. Short.....	Decorative	Sept.	3.00	27.50
September Queen. Short	Decorative	Sept.	3.00	27.50
Tasiva. Cream White. Medium.....	Decorative	Sept.	3.00	27.50
Seminole. Cream White. Short.....	Decorative	Sept. 15	3.00	27.50
Winnelka. Short	Decorative	Sept. 20	3.00	27.50
‡Niobe. Medium	Semi-Double	Oct. 5	3.00	27.50
Margot. Ivory White. Short.....	Button	Oct. 8	3.00	27.50
Ruth Hatton. Ivory White. Short.....	Decorative	Oct. 10	3.00	27.50
Malinta. Cream White. Medium.....	Button	Oct. 10	5.00	40.00
White Spoon. Medium	Spoon	Oct. 30	8.00	75.00

‡—Korean Varieties.

The terms, Short, Medium, Tall at the end of description, refer to finished height of plant.

Hardy Varieties

RED

	Type	Matures	Price per	
			100	1000
Red Cushion. Short	Semi-Double	Sept.	3.00	27.50
Deanna. Bronze Red. Short.....	Decorative	Sept. 10	3.00	27.50
Flashlight. Crimson. Short	Decorative	Sept. 20	3.00	27.50
Edgar A. Guest. Bronze Red. Short.....	Decorative	Sept. 25	5.00	40.00
‡Nancy Copeland. Spectrum Red. Medium.....	Single	Sept. 25	3.00	27.50
Gypsy Girl. Chestnut Crimson. Short.....	Single	Early Oct.	3.00	27.50
Ruth Cumming. Reddish Bronze. Medium	Decorative	Early Oct.	3.00	27.50
‡Caliph. Deep Red. Medium	Decorative	Oct. 1	4.00	35.00
Vivid. Amaranth Red. Medium	Decorative	Oct. 1	3.00	27.50
Crimson Splendor. Light Red. Short.....	Single	Oct. 1	3.00	27.50
Brilliancy. Crimson Orange. Medium.....	Single	Oct. 1	3.00	27.50
Crimson Glory. Deep Crimson. Short.....	Decorative	Oct. 5	3.00	27.50
Sandra. Deep Crimson. Short.....	Decorative	Oct. 5	3.00	27.50
‡Saladin. Oriental Red. Medium.....	Single	Oct. 10	4.00	35.00
Dazzler. Cardinal Red. Medium.....	Single	Oct. 10	3.00	27.50
Cavalier. Vermillion Red. Medium.....	Single	Oct. 15	3.00	27.50
Red Flare. Deep Red. Medium.....	Buton	Oct. 15	3.00	27.50
‡Mars. Amaranth Red. Medium	Single	Oct. 15	3.00	27.50
Red Hussar. Scarlet Crimson. Short.....	Single	Oct. 15	4.00	35.00
Red Spoon. Medium	Spoon	Oct. 30	8.00	75.00

Japanese Mountain or Cascade Varieties

Anna. White. Single. Short.....	Oct. 30	6.00	50.00
Jane Harle. Light Lemon Yellow. Single.....	Oct. 30	6.00	50.00
Brown Button. Light Bronze. Medium.....	Nov. 10	6.00	50.00
Agappina. Mahogany with tinge of Yellow. Medium.....	Nov. 10	6.00	50.00

‡—Korean Varieties.

INDEX

Complete list of Mums and Pompons arranged in alphabetical order for ready reference.

Page	Page	Page
A. Barham21	Beautiful Lady18	Bronze Turner10
Absolute17	Benoit20	Bronze Tuxedo19
Acacia22	Benlen13	Brown Button23
Adelaide15	Bess Witt13	Brutus19
Agappina23	Betsy Ross12	Burgundy21
Agnes S. Clark.....23	Betty Rose18	Butler's Caprice20
Albatross12	Betty Watkins16	Buttercup14
Albert Muller21	Big Baby14	Butterfly13
Algonquin22	Blanche18	
Alice16	Blaze17	Caliph23
Alice Benson10	Blazing Gold11	Camilla12
Aladdin21	Bobbie15	Campfire14
Aloma17	Bobette16	Canary14
Amaranthea16-20	Bonnaffon DeLuxe20	Captain Blood16
Ambassador12	Bonniwell15-19	Captain Cook16
Amelia21	Bonnie Maid16	Captivation18
Amoskeag21	Bridal Bells15	Cardonia14
Angello16	Bright Light20	Carolina Lee15-19
Anna23	Bright Spot16	Carnelia17
Anna Kaskas13	Brilliancy23	Carrie22
Ann Miller21	Bristolite16	Catherine16
Antarctic12	Bronze Beauty16	Cavalcade16
Aphrodite22	Bronze Buckingham17-19	Cavalier23
Apollo21	Bronze Chadwick12	Celestra11
Apricot Queen12	Bronze Cushion21	Ceres22
Arcadia15	Bronze Daisy17	Charter Oak17
Autumn Glow19	Bronze Doty15	Chas. Rager12
Autumn Lights21	Bronze Frick12	Chas. W. Johnson.....12
Avalon16	Bronze Lode12-19	Chattanooga12
	Bronze Mistletoe12	Chicago Pearl15
Baby20	Bronze Norma19	China Rose18
Ball of Gold.....14	Bronze Prince19	Christina12-19
Barbara Cumming22	Bronze Queen15	Christmas Cheer14
Barneget22	Bronze Supreme19	Christmas Gold14

INDEX—Continued

Page		Page		Page	
Chrome Emerald	19	Glada	21	Joan Wells	15
Chrysolora	11	Gladys Duckham	17	Joe Beuerlein	18
Cincinnati	20	Gladys Pearson	12	J. R. Booth	10
Citronella	11	Gleam	18	Jubilee	11
Citrus Queen	18	Gleam o' Gold	22	Judith Anderson	20-22
Clara Curtis	21	Glitters	12-19	June Arnold	13
Clara Holford	17	Glow	16	Justrite	13-20
Clara Jameson	15	Goblin	21	J. W. Prince	13
Colonel F. M. Alger	11	Gold Coin	14	Katherine Johnston	16
Columbus Dispatch	11	Gold Drop	14	Kathleen Thompson	19
Comet	11	Gold Finch	14	Keystone	12
Coral Blaze	19	Gold Lode	18-20	Kimie	13
Cora Peck Buhl	14	Gold Tips	16	King Cushion (See Bronze Cushion)	21
Cora Scovill	19	Golden Celebration	11	King Midas	22
Cordova	15	Golden Chadwick	11	Kuzuka	22
Corona	11	Golden Fairy	14	Laelia	20
Country Girl	21	Golden Glory	11-20	La France	10
Crimson Glory	23	Golden Glow	11	Lavender Lady	21
Crimson Glow	18	Golden Herald	14	Legal Tender	16
Crimson Splendor	23	Golden Majestic	10	Leileh	16
Crystal Jewell	15	Golden Mensa	17	Leroy Zang (See Golden Pearson)	11
Crystal White	15	Golden Mistletoe	11	Lighthouse	17
Dainty Maid	15	Golden Modena	15	Lila Lilly	20
Daphne	22	Golden Mrs. Ross	11	Lilac Caprice	20
Dark Pink	16	Golden Nymph	16	Lillian Doty	16
Dark Pink Norma	18	Golden Oak	12	Lilyan	21
Dark Pink Supreme	18	Golden October	11	Linda Lou	18
Dark Pink Valencia	18	Golden Pearl	11	Little America	18
Dawn	17	Golden Pride	13	Little Amethyst	20
Dazzler	23	Golden Sceptre	14	Little Bob	21
D. Baker	17	Golden Splendor	14	Lois	14-20
Deanna	23	Golden Spray	14-20	Long Island Beauty	18
December Beauty	12	Golden Wave	11-20	Long Island Sunshine	14
December Glory (Large)	12	Good News	11	Lorelei	22
December Glory (Pom.)	15	Governor Green	13	Loretta	11
December Gold	14	Governor Lake	16	Loris	16
Derigold	14	Graceland	18, 19	Louisa Pickett	10
Detroit News	12	Grace Sturgis	10	Louise Schling	21
Diana	22	Granny Scovill	21	Lustre	13
Distinction	13	Grenadier	14	Madeline (See Jessie)	16
Dorothy Nehrling	16	Greta	15	Majestic	10
Dorothy Turner	16	Gretchen Piper	17	Major Bonnaffon	11
Dr. Enguehard	13	Greystone	19	Major Bowes	13
Dr. J. M. Inglis	10	Gypsy	19	Malinta	22
Dusky Maid	16	Gypsy Girl	23	Manantico	21
Earliwhite	15	Harmony	16	Mandarin	21
Early Bronze	19-21	Harvard	13-20	Margo	20
Early Frost	12	Harvest Moon	10	Margot	22
Early Garza Supreme	18	Hasegawa Gold	14	Marian Uffinger	10
Early Yellow	20-22	Hasegawa Pink	18	Marianna	15
Eden	21	Hasegawa Poinsettia	17	Marie de Petris	11
Edgar Stillman Kelly	12	Hebe	22	Marie Tashima	13
Edgar A. Guest	23	Helen Frick	13	Marietta	18
Edith Newberry	15	Helen Hubbard	14	Marisa	21
Edwin Seidewitz	13	Helios	18	Maritza	18
Elena	20	Highlights	16	Marketeer	12
Elizabeth McDowell	17	Hilda Bergen	12	Mars	23
Elizabeth Peterson	15	Honey Dew	11	Mary Lennon Hall	14
Elora	15	Hope Engel	19	Mary Pickford	15-20
Elsa Piel	18	Ida, Improved	14	Masaka	14
Ember	21	Ida Skiff	17	Mason's Bronze	17
Emmet	21	Improved December Beauty	12	Masterpiece	16-20
Ermalinda	16	Improved Tobin's Late Yellow	12	Melo	12
Estrelita	19	Improved W. H. Waite	10	Melba	17-19
Ethel	15-19	Improved Yellow Chattanooga	11	Melody	22
Ethelda	20	Indianapolis Bronze	12	Mercury	21
Fairy Queen	18	Indianapolis Pink	13	Minong	15
Faith Engel	18-20	Indiana	12	Miss Flora Bowers	12
Favorite	12	Indian Chief	12	Miss Gena Harwood	13
Fawn	17	Indian Summer	21	Modena	15
Fez	15	Innocence	22	Mohawk Chief	13
Fire Ball	14	Irene	15-19	Monument	12
Fire Bird	15	Irene Hayes	18	Mother of Pearl	16
Flashlight	23	Irene Rich	16	Mrs. Beu	16-19
Floradora	19	Izola	20	Mrs. Bulkeley	16
Floyd Gibbons	13	Jack Bannister	22	Mrs. Chas. Wylie	19
Frances Whittlesey	21	Jane	17	Mrs. Darling	17
Freida	18	Jane Harte	23	Mrs. Firestone	10
Friendly Call	11	Japanese Maiden	13	Mrs. Godfrey	17
Friendly Rival	11	Jean Cumming	22	Mrs. Hooker	14
Ganna	21	Jean Treadway	21	Mrs. Kidder	11
Garnet King	13	Jemima	15	Mrs. Leeds	10
Garza Supreme	18	Jessie	16	Mrs. Mason	10
Geronimo	21	Jewell	16-20		
		Joan Piper	17		

INDEX—Continued

Page		Page		Page	
Mrs. Rotan	22	Red Rolinda	19	Topknot	18
Mrs. Roy	13	Red Rover	17	Tuxedo	18
Mrs. Stahelin	12	Red Spoon	23	Unalga (See Gold Coin).....	14
Muldoon	21	Reverend Horace Bushnell.....	15	Unique	13
Murillo	22	Richard Mandel	19	Usona	16
Muskogee	21	Richmond	11	Uvalda	15
Muskoka	15	Rising Sun	16	Valencia	18
Nagiroc	10	R. M. Calkins.....	11	Venus	22
Nancy Copeland	23	R. M. Hatton	22	Vera Victoria (See Mary L. Hall).....	14
Natoma	14	Robertta Copeland	21	Vermont	10
Nellie Kleris	16	Robin Hood	14	Viking	17
New York	15	Rodell, Improved	14, 15	Vivid	23
Nicobe	22	Rolinda	19	Vulcan	21
Norma	18	Roman Bronze	15	Western Beauty	16
Nomandie	22	Romany	21	White Anemone	18
November Bronze	15	Rosabella	13	White Caprice	19
Nubian	15	Rose Charm	16	White Chadwick	12
Nuggets	14-20	Rose Chochard	12-20	White Chief	12
Oak Leaf	12	Rose Glory	13	White Chieftain	12
Oconto	12	Rose Glow	21	White Cushion	22
October Rose	13	Roselea	16	White Distinction	12
Ohio State	20	Rose Marie	13	White Doty	15
Ohkwan	13	Rose Pearl	16	White Frick	12
Old Rose	13	Rose Perfection	13	White Godfrey	17
Olivia	16	Rosy Gem	22	White Gull	22
Orange Wonder	21	Rowenna	16	White Izola	19
Orchid Beauty	18-20	Royal Crimson	14	White Jewell	15-19
Orchid Queen	13	Royal Queen	15	White Mensa	17
Orion	22	Ruth Cumming	23	White Mistletoe	12
Otsego	21	Ruth Hatton	22	White Norma	18
Pale Moon	22	Saladin	23	White Pearl	15
Panola	21	Sam Caswell	13	White Sensation	13
Pagosa	16	Sandra	23	White Spoon	22
Passumpsic	21	Saturn	21	White Supreme	18
Patricia Grace	13	Sea Gull	15	White Tonquin	15
Patsy Dowd	14	Secretary Nehrling	11	White Yuletide	13
Patty	20	Seminole	22	W. H. Buckingham	18-20
Pearl	15	September Queen	22	Whittier	11
Peggy Ann Hoover.....	13	Shasta	18	W. H. Lincoln.....	20
Peggy Poesch	15	Silver Ball	15	W. H. Waite.....	10
Penguin	15	Silver Bells	15	Wildfire	16
Persian Rose	16-20	Silver Drops	13	William Didden	11
Peter John	13	Silver Emblem	17	William Turner	10
Pink Beauty	20	Silver Sheen	12	Winnetka	22
Pink Chadwick	13	Silver Star	15	Woburn	18
Pink Chief	13	Silver Tips	16	Wolverine	22
Pink Cushion (See Amelia).....	21	Smith's Early White.....	12	Yamabuki	13
Pink Delight	13	Smith's Innocence	18	Yellow Ambassador	11
Pink Dot	16	Smith's Late White	12	Yellow Beauty	20
Pink Lustre	21	Smith's Superlative	11-15	Yellow Blanche	18
Pink Mistletoe	13	Snow	15	Yellow Caprice	20
Pink Pearl	16	Snow Cloud	15	Yellow Chattanooga	11
Pink Spoon	22	Snow White	12	Yellow Cordova	14
Pink Treasure	13	Sonia	22	Yellow Cushion	22
Pink Turner	10	Sonoma	21	Yellow Daisy	17
Pirate Gold	15	Source d'Or	15	Yellow December Glory	11
Pohatoong	21	Stately White	12	Yellow Dot	14
Pomponette	20	Stoplight	18	Yellow Doty	14
Pride of Tokyo.....	12	Sunburst	11	Yellow Fellow	14-20
Princeton	15	Sunglow	17	Yellow Frost	11
Prosperity	16	Sun Gold	11-20	Yellow Garza Supreme	18
Providence	21	Sunkist	21	Yellow Gem	22
Psyche	21	Sunny Boy	17	Yellow Godfrey	17
Purple Caprice	20	Sunray	18-20	Yellow Irene	14
Pygmy	20	Sunshine	18-20	Yellow Izola	20
Pygmy Gold	22	Suntan	15	Yellow Mefo	11
Quaker Maid	12	Susanne Miller	18	Yellow Monument	11
Queen Cushion (See White Cushion).....	22	Swan	18	Yellow New York	14
Queen of Pinks.....	20	Symphony	22	Yellow Normandie (See Barbara Cumming).....	22
Radiant	17	Tagoya	17	Yellow Pockett	20
Rayonnante (See Patricia Grace).....	13	Tango	16-19	Yellow Princeton	14
Red Beu	16	Tasiva	22	Yellow Rolinda	18-20
Red Cushion	23	Thanksgiving Pink	13	Yellow Sea Gull	14
Red Daisy	17	The Belle	18	Yellow Silver Star	14
Red Doty	14	The Dean	13	Yellow Spoon	22
Red Flare	23	The Moor	21	Yellow Supreme	18
Red Hussar	23	The Titan	18	Yellow Taggart	12
Red Izola	20	The Urchin	21	Yellow Turner	10
Red Majestic	10	Thorina	19	Yellow Yuletide	14
Red Melba	17-20	Thomas W. Pockett.....	10	Yolanda	19
Red Princeton	14	Thyra	16-20	Yomei	13
		Tobin's Late Yellow.....	11	Yuvawn	14
		Tokyo	15		
		Tom Browne	12		
		Tom Pearson	14		
		Tonquin	16		

Insecticides

Regularity in applying Insecticides will keep your houses and plants free from insect pests.

Note:—Poisons cannot be sent by mail and have to be shipped by freight or express.

CYANOOGAS, CALCIUM CYANIDE. "G" greenhouse fumigant. Forms a gas for the control of aphids, white fly, thrips and mealy bug. 5 lbs.....**\$3.00** 25 lbs.....**\$10.00** 100 lbs.....**\$25.00**

D. N. SULPHUR DUST No. 10. A new and very effective control for Red-Spider, Thrip, and rust on Carnations. Features of D. N. Sulphur Dust are its high insect kill, low cost, effectiveness in both field and greenhouse and its non-injuriousness to plant foliage.

10 lb. bags each **\$3.00** F. O. B. Chicago Case of 5 10-lb. bags **\$12.50** F. O. B. Factory

DERRISOL. Non-poisonous liquid, used for the control of sucking insects. 2 lbs., **\$3.00**; 10 lbs., **\$12.00**

FISH OIL SOAP. For use as a spreader in using spray materials. Also as a wash on various plants for cleaning foliage. 1 lb.....**30c** 5 lbs.....**\$1.25** 10 lbs.....**\$2.00**

FLORAL SPRAYLITE. A new and powerful contact and stomach poisoning insecticide, which has found ready acceptance by all growers who have tried it out.

Per Gallon **\$7.25** 5 Gals., per Gallon **\$6.45**

FLOWERS OF SULPHUR. For dusting. 10 lbs.....**\$1.00** 50 lbs.....**\$2.50** 100 lbs.....**\$4.50**

FUME TOBAC. Fumigating Tobacco Powder. F. O. B. New York.

25 lbs.....**\$4.50** 50 lbs.....**\$7.50** 100 lbs.....**\$14.00**

HITOX. The perfect blend of Rotenone and Pyrethrum concentrate spray. Does not spot, stain, discolor, burn or injure the most delicate plant, flower or foliage. Per Gallon.....**\$9.00**

LETHANE 440. An effective control for mealy bugs. Quart.....**\$2.00** Gallon.....**\$5.50**

LETHANE SPREADER. Gallon tins, each **\$1.80** 5 Gallon tins, each.....**\$8.50**

L333. A Rotenone spray that definitely controls red spiders, thrips, green fly, white fly, and aphids. Per Gallon **\$10.75.**

LORO. A contact insecticide for the control of Aphid, Thrip, and Red Spider. Per Gallon.....**\$10.50**

MULTICIDE. An improvement of the well known Evergreen pyrethrum spray. Used for control of sucking and chewing insects. Quart.....**\$2.50** Gallon.....**\$9.90** 5 Gallons.....**\$42.50**

NAPHTHALINE FLAKES. 10 lbs., **\$1.50**; 25 lbs., **\$3.00**; 50 lbs., **\$5.50**; 100 lbs.....**\$10.00**

NICO FUME LIQUID. A standard and effective insecticide for fumigating or spraying. Contains 40% free nicotine 1 lb.....**\$2.25** 4 lbs.....**\$5.75** 8 lbs.....**\$10.00**

NICO-FUME PRESSURE FUMIGATORS. A new method of fumigating with Nico Fume powder. Each tin has a sparkler for lighting the powder.

1 lb. tin.....**75c** 6 tins.....**\$3.75** 12 tins.....**\$7.00**
1/2 lb. tin.....**45c** 6 tins.....**2.40** 12 tins.....**4.20**

Freight charges prepaid from factory on 4 cartons or 50 lbs.

NICO-FUME HOLDER. For hand directed fumigation with pressure Fumigators. Each.....**\$0.85**

RED ARROW INSECT SPRAY. A highly concentrated pyrethrum preparation, that kills by contact; non-poisonous. Quart.....**\$3.60** Gallon.....**\$10.70**

ROTECIDE. Kills mealy bug, red spider, aphids, beetles.

Quart**\$3.00** Gallon**\$8.00** 5 Gallons.....**\$35.00**

SELOCIDE. For the control of red spider. Very effectual.

Gallon**\$3.00** 5 Gallons.....**\$13.50** 10 Gallons.....**\$24.50**

114Y. An excellent Rotenone spray with spreader. Quart.....**\$2.50** Gallon.....**\$8.50**

SPRAYLITE 99. A new and powerful quick acting contact spray, which the manufacturer feels safe in saying that this insecticide will kill practically any insect that can be killed by contact.

Per Gallon.....**\$9.75** 5 Gals., Per Gallon.....**\$9.25**

TO-NA-CIDE. For mixing with soil to kill thrip and other insects, either in the greenhouse or garden. 5 lbs.....**\$1.25** 50 lbs.....**\$ 6.50**

10 lbs.....**2.00** 100 lbs.....**12.00**

25 lbs.....**4.00**

F. O. B. New York



PHARAOH

SEA SHELL

